

Program Complot
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

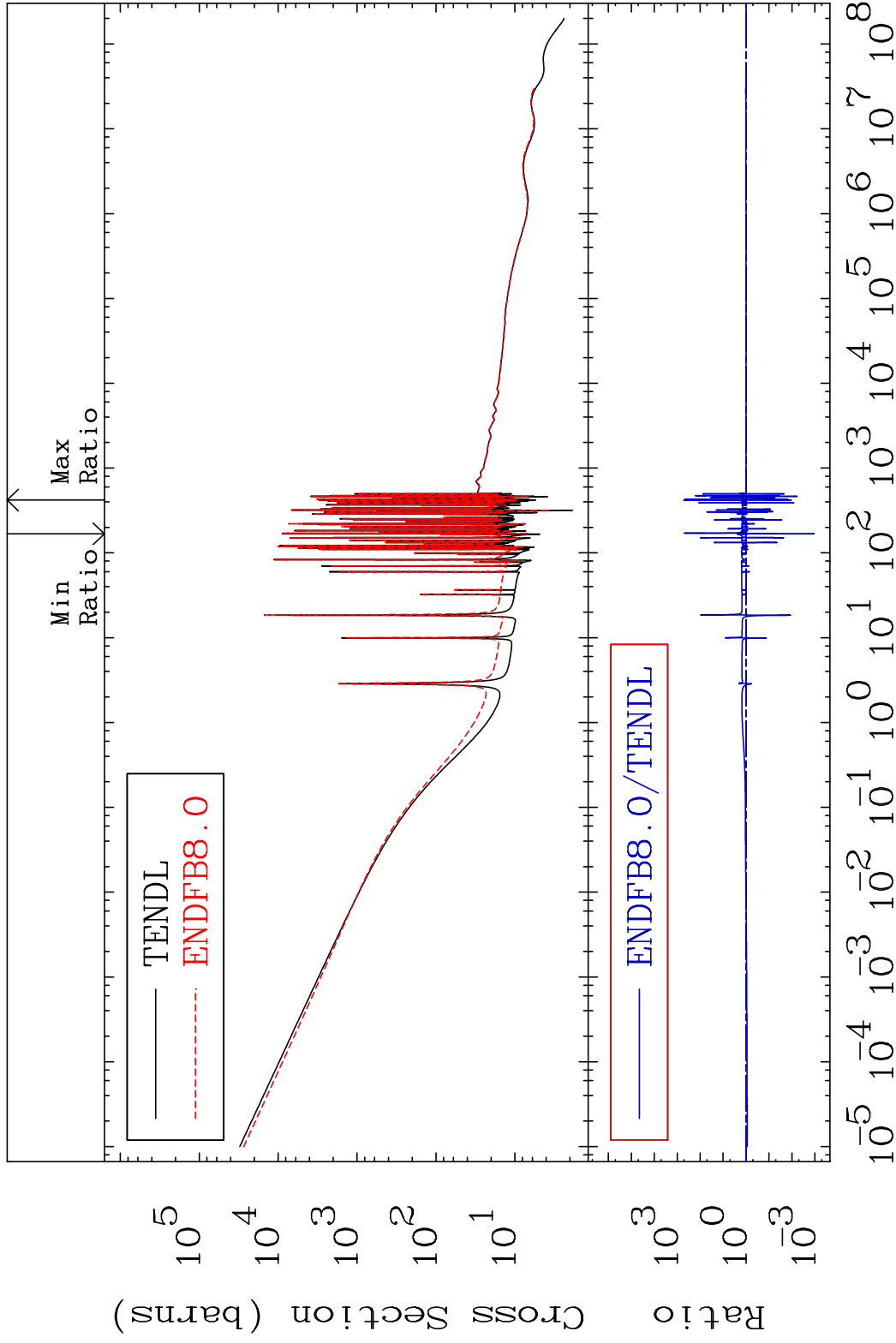
Press Mouse Button to Start

MAT 9434

Total

94-Pu-238

Cross Section -99.89 To 9999. %



1

Incident Energy (eV)

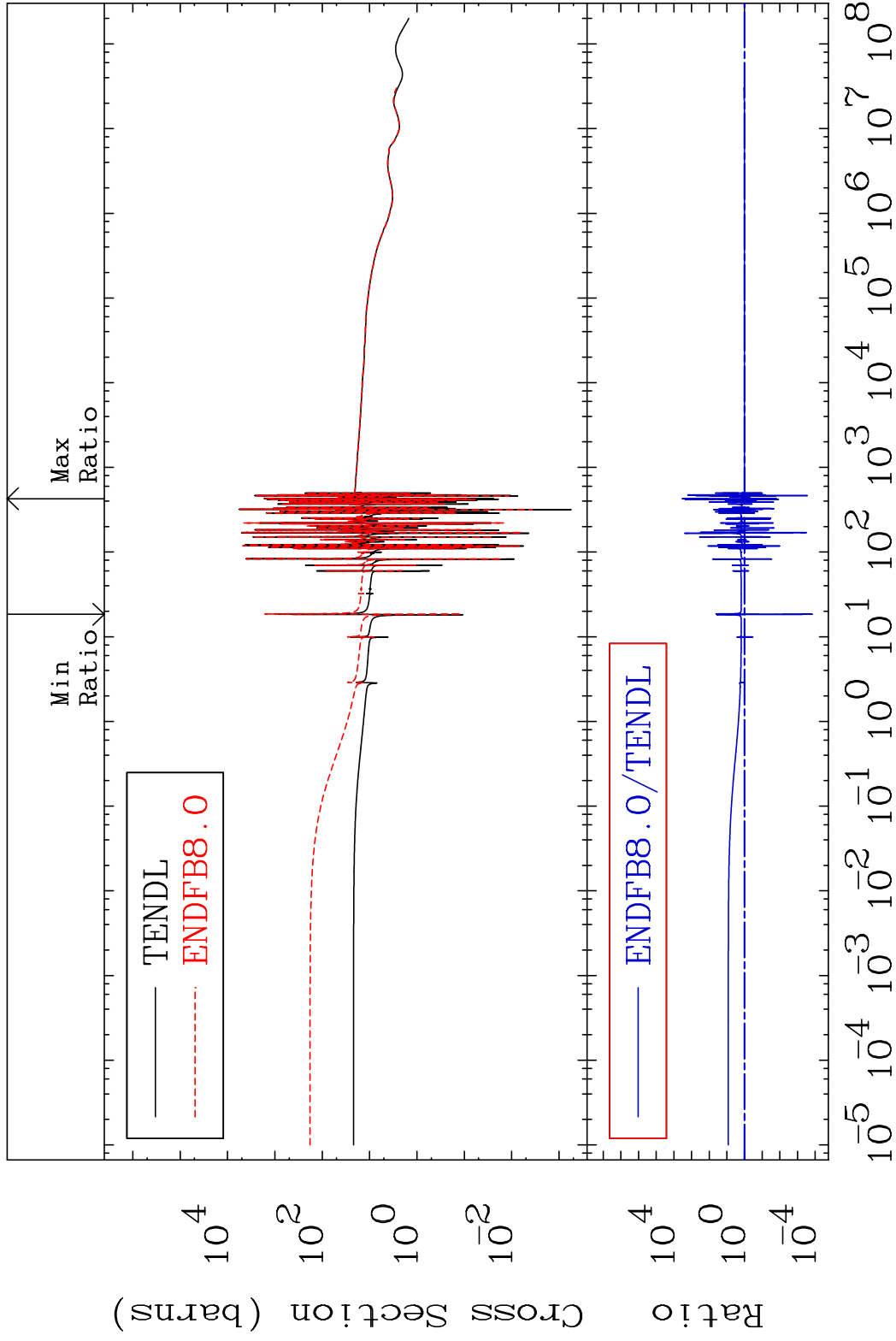
94-Pu-238

MAT 9434

Elastic

94-Pu-238

Cross Section -99.99 To 9999. %



2

Incident Energy (eV)

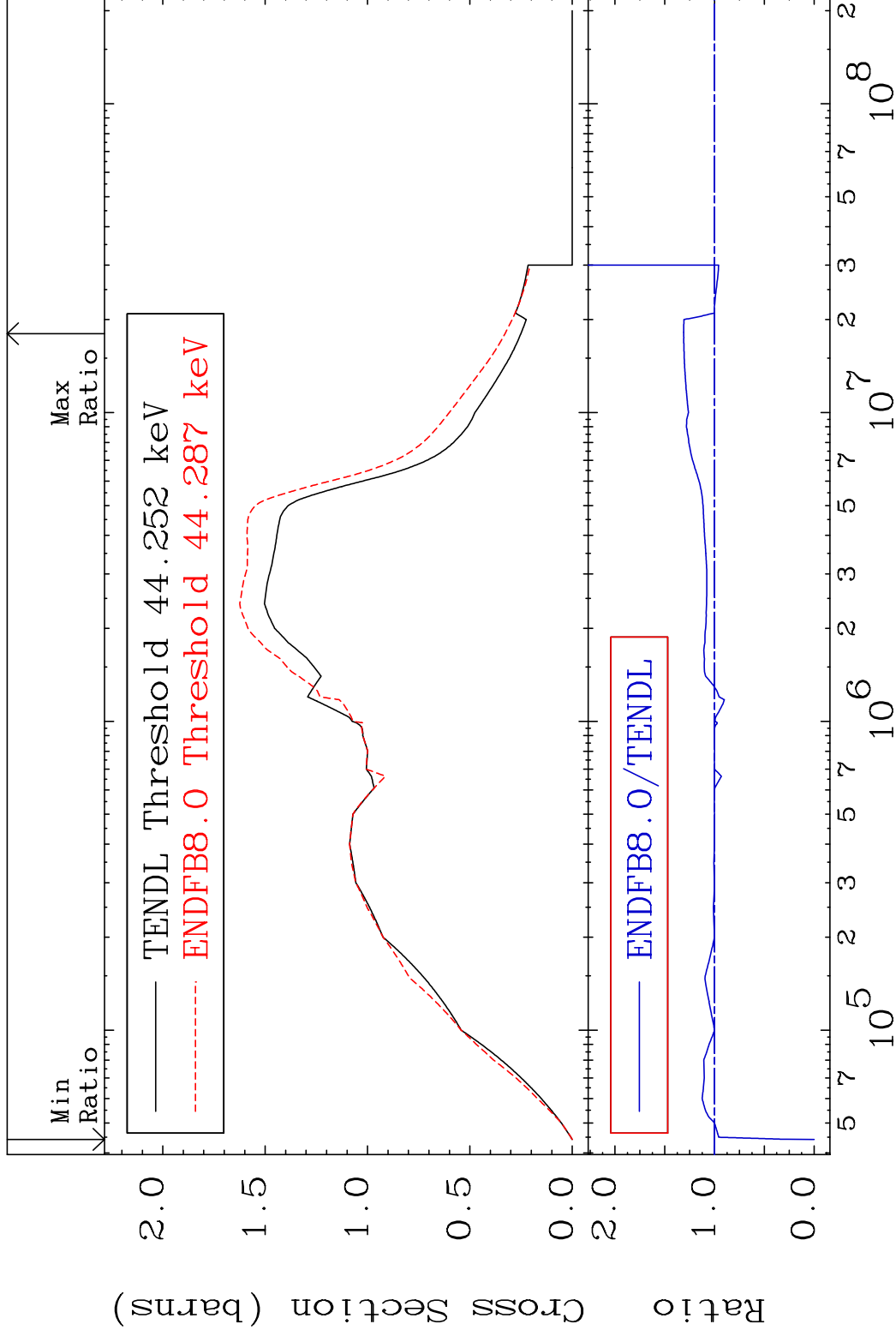
94-Pu-238

MAT 9434

Inelastic

94-Pu-238

Cross Section -100.0 To 31.05 %



3

Incident Energy (eV)

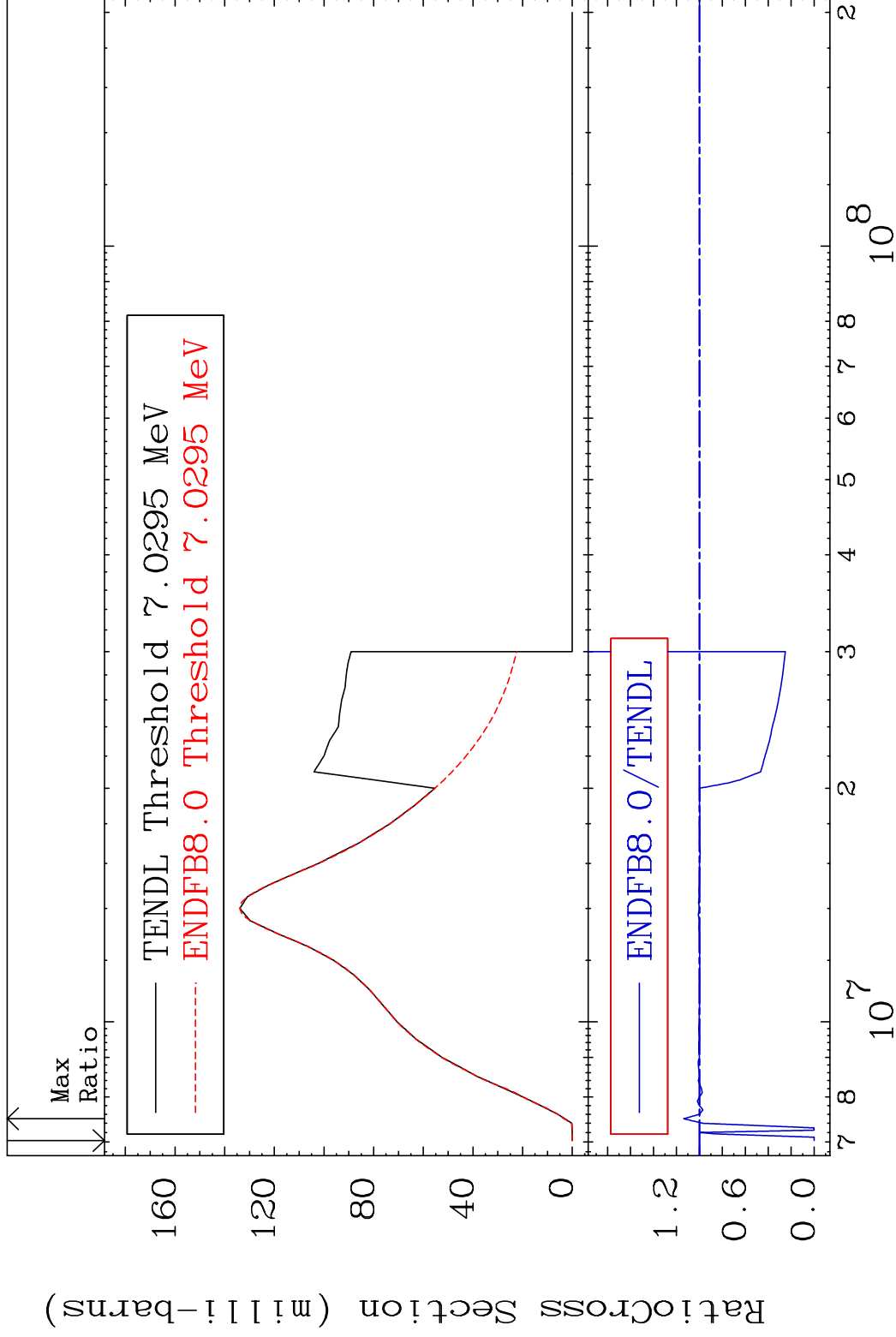
94-Pu-238

MAT 9434

(n,2n)

94-Pu-238

Cross Section -100.0 To 13.70 %



4

Incident Energy (eV)

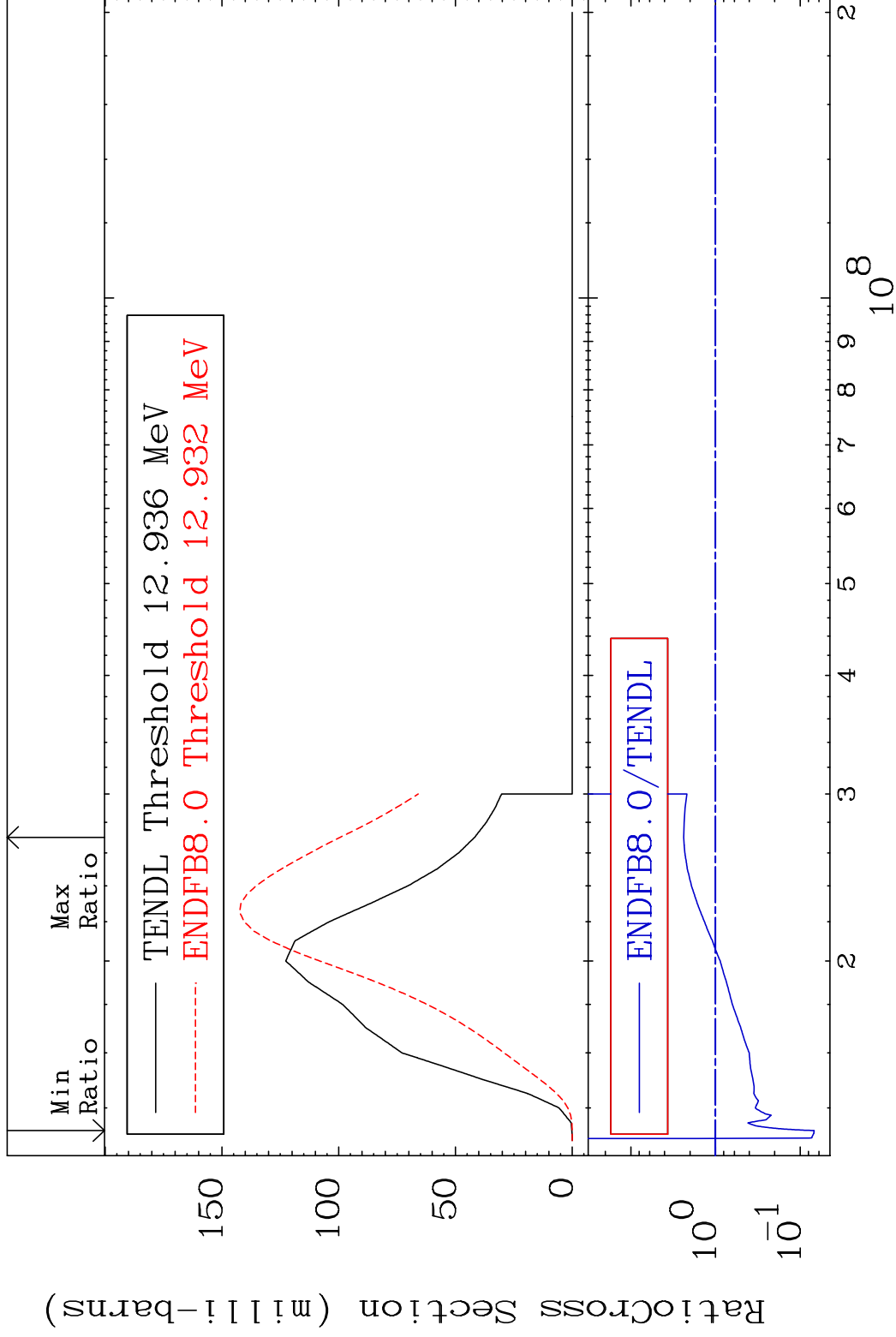
94-Pu-238

MAT 9434

(n,3n)

94-Pu-238

Cross Section -93.14 To 137.9 %



5

Incident Energy (eV)

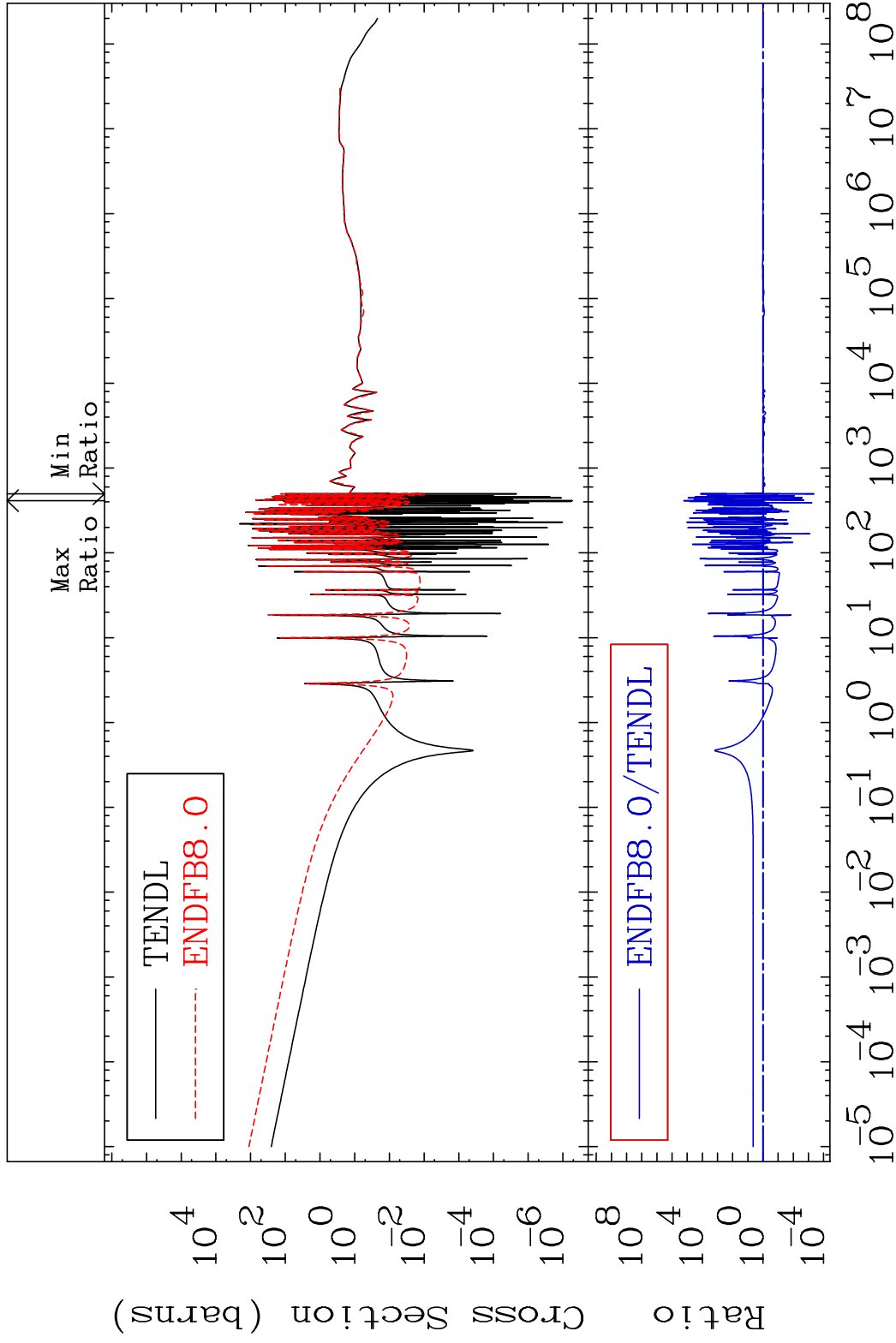
94-Pu-238

MAT 9434

Fission

94-Pu-238

Cross Section -99.96 To 9999. %



6

Incident Energy (eV)

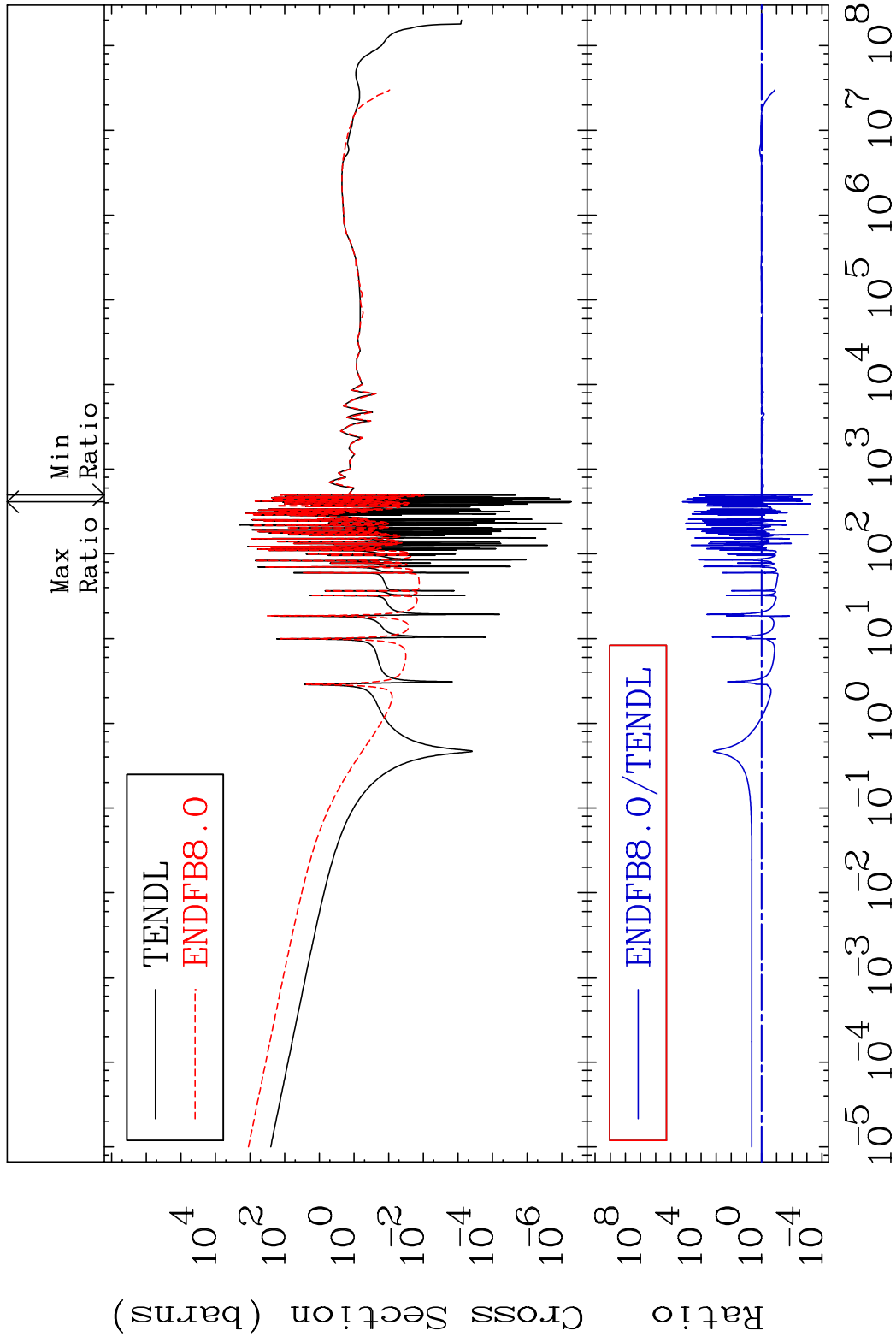
94-Pu-238

MAT 9434

(n,f) First Chance

94-Pu-238

Cross Section -99.96 To 9999. %



7

Incident Energy (eV)

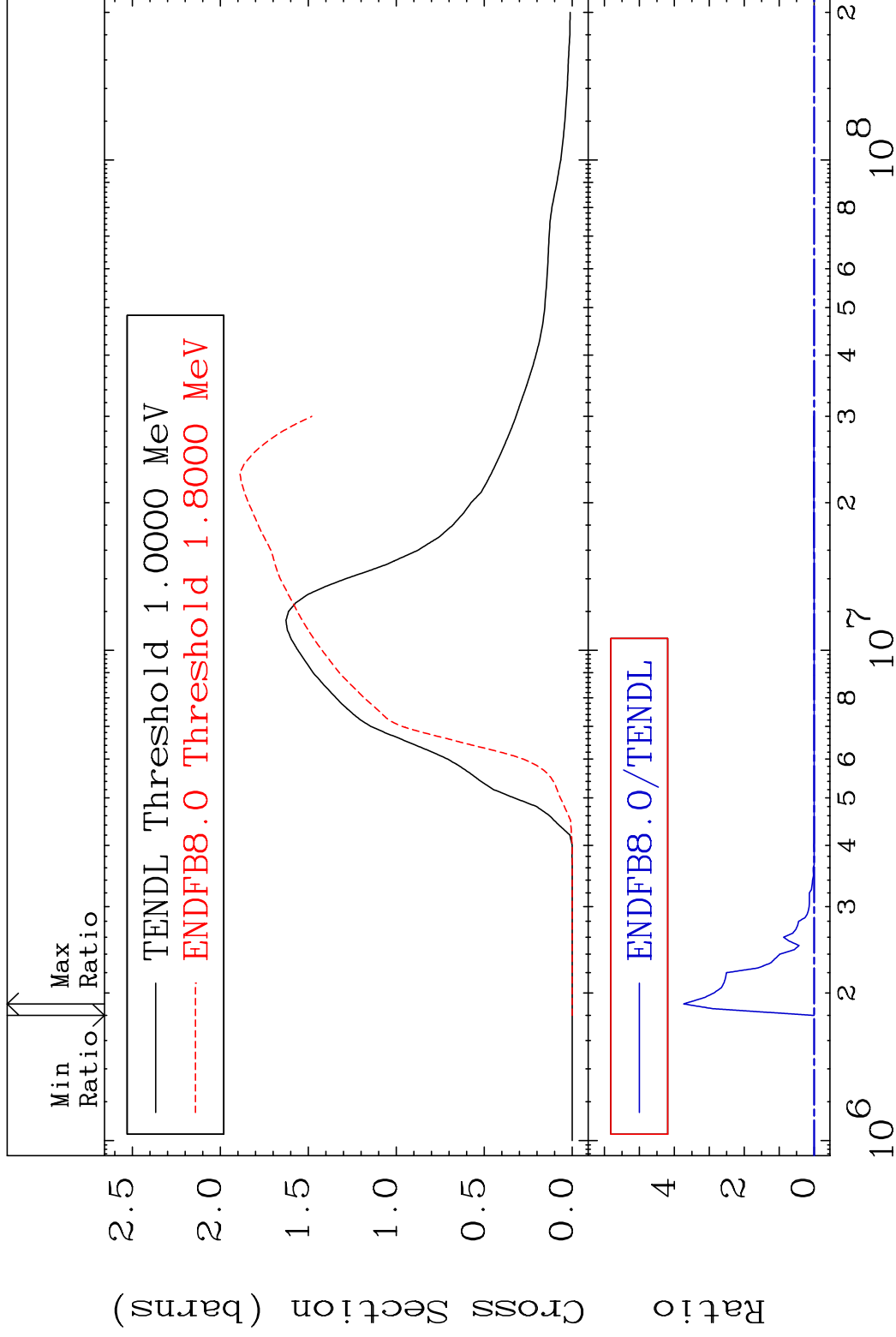
94-Pu-238

MAT 9434

(n, nf) Second Chance

94-Pu-238

Cross Section -100.0 To 9999. %



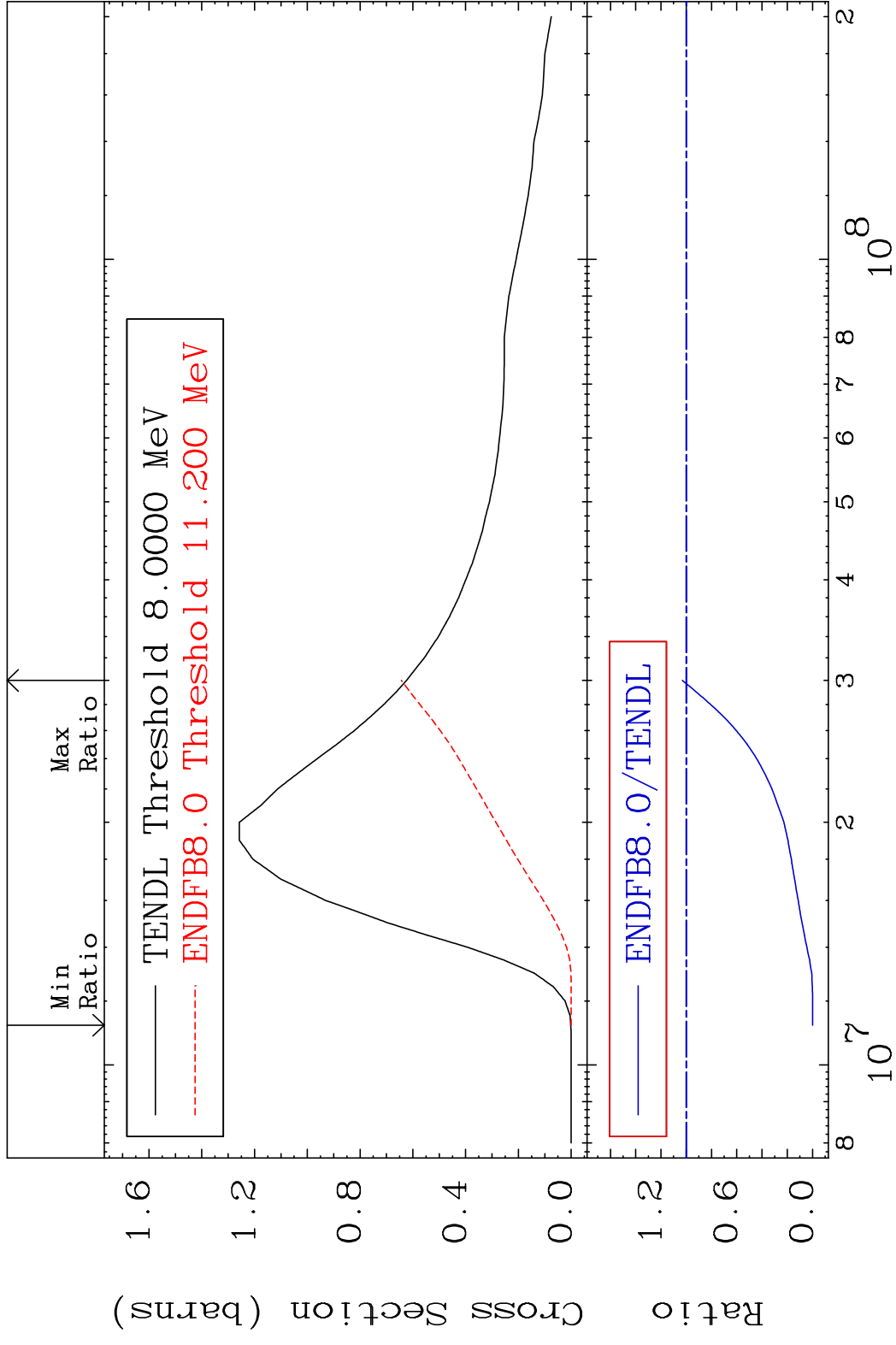
8

Incident Energy (eV)

94-Pu-238

MAT 9434

(n,2nf) Third Chance 94-Pu-238
Cross Section -100.0 To 3.076 %



9

Incident Energy (eV)

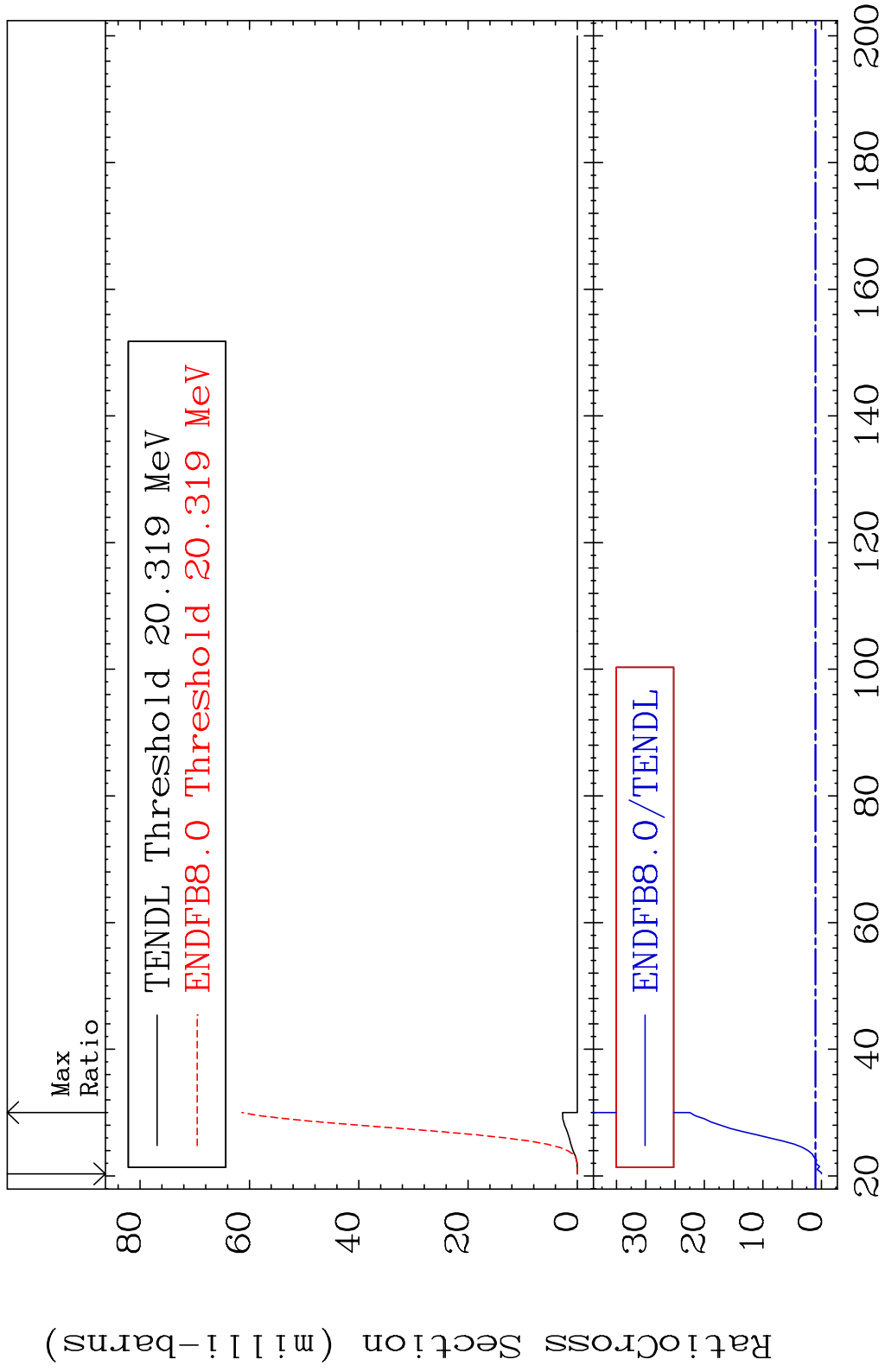
94-Pu-238

MAT 9434

(n,4n)

94-Pu-238

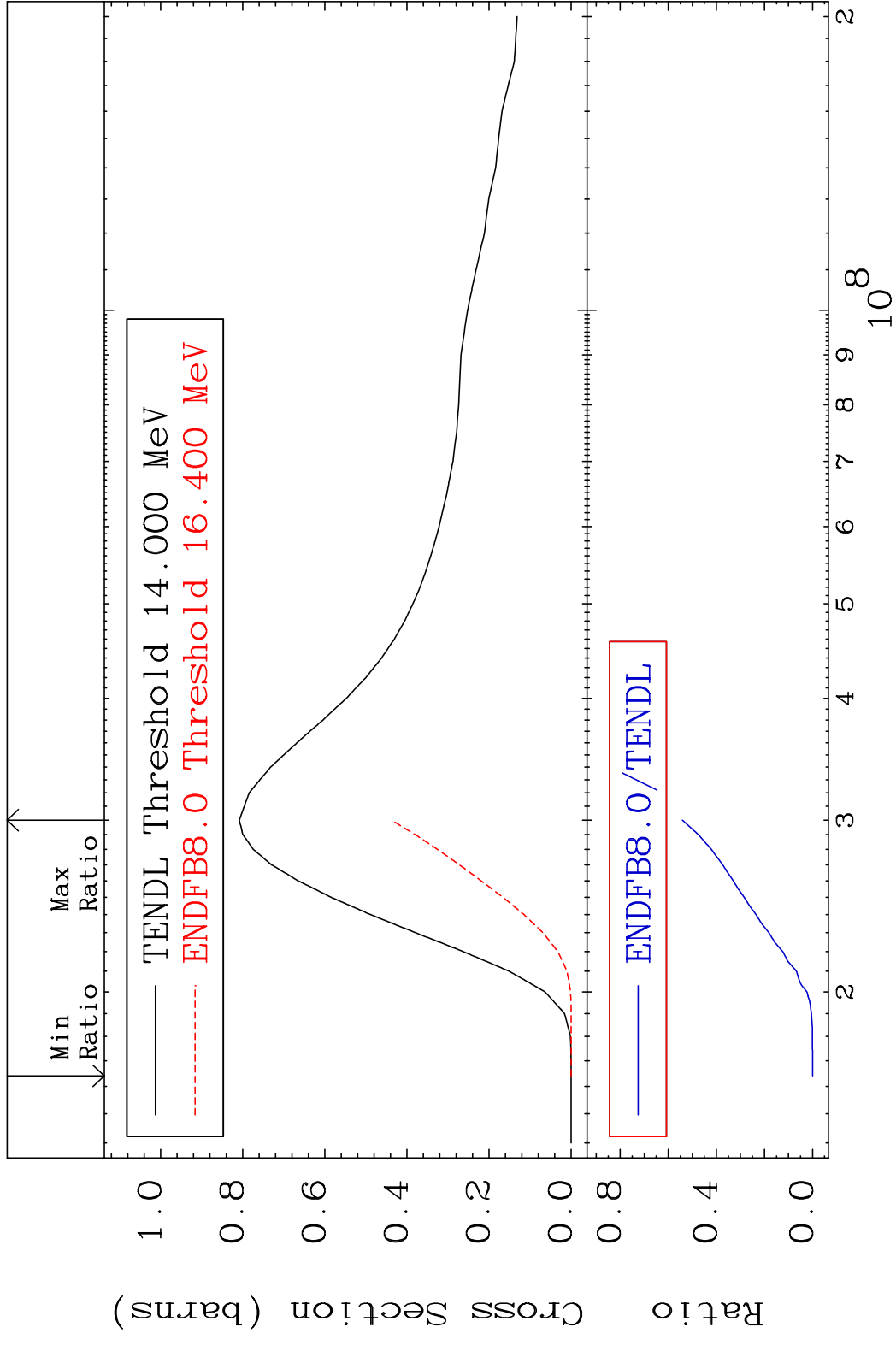
Cross Section -100.0 To 2149. %



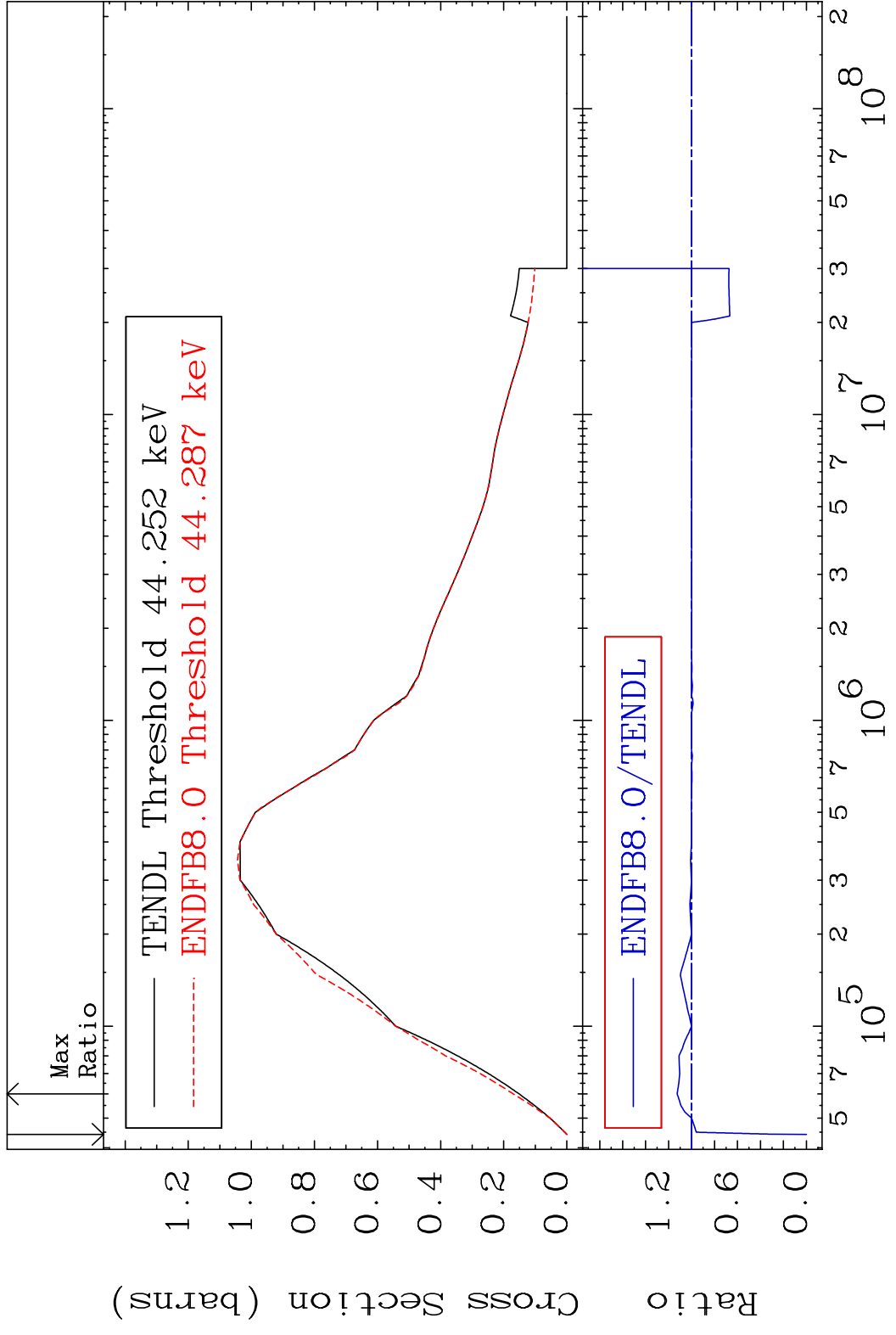
10

Incident Energy (MeV)

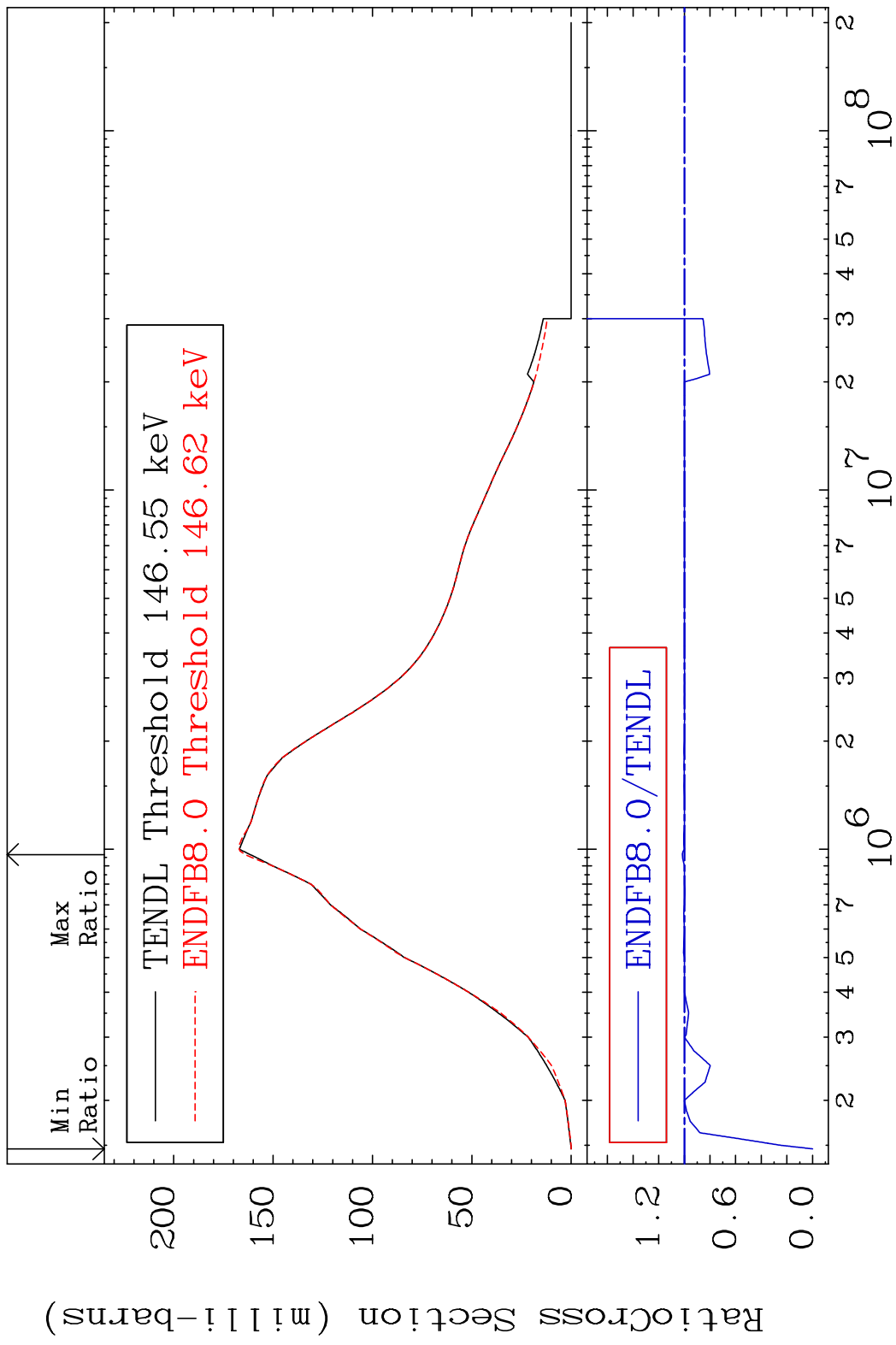
94-Pu-238



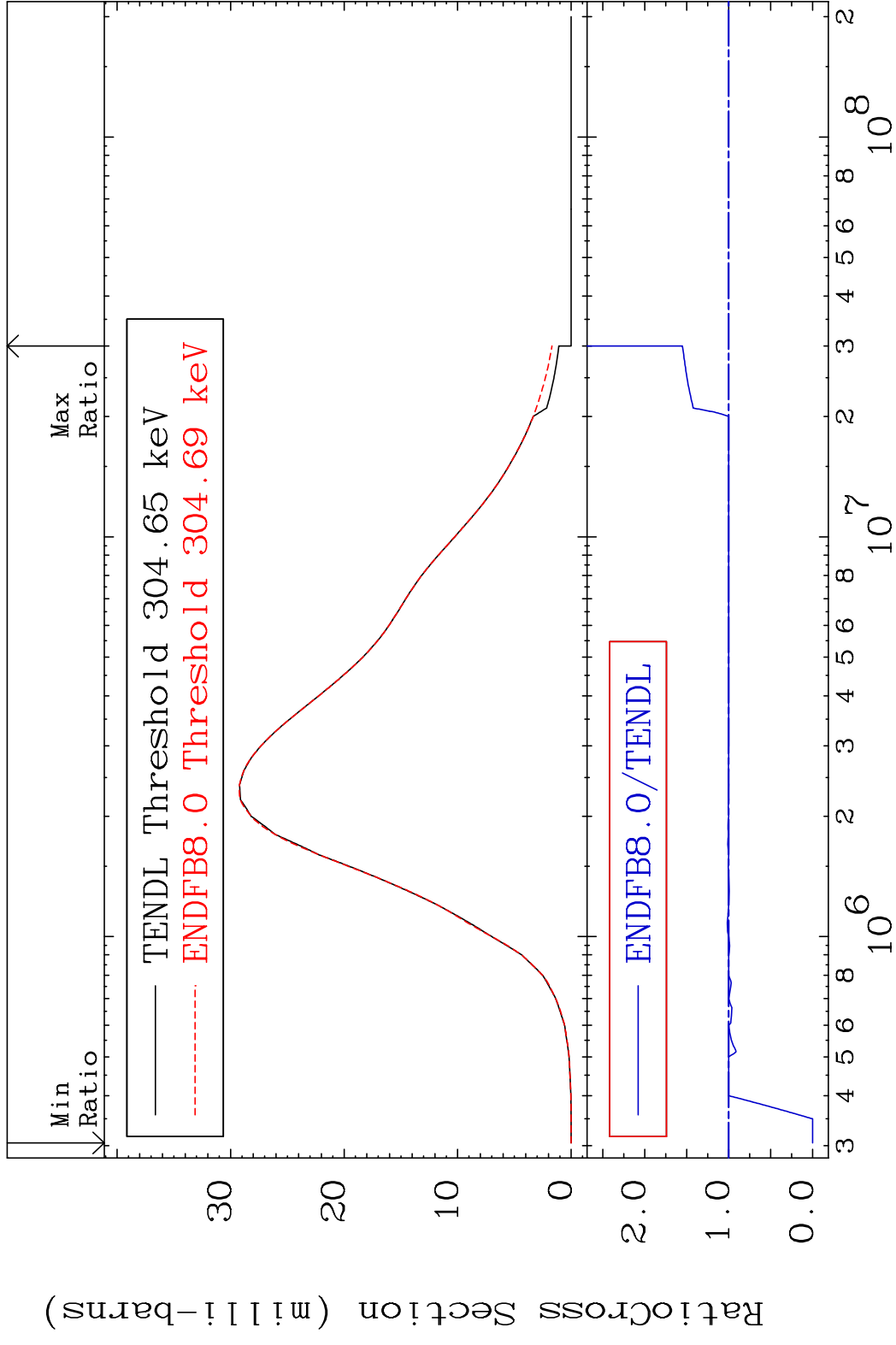
MAT 9434 MT= 51 (n, n') Level 94-Pu-238
 Cross Section -100.0 To 12.53 %



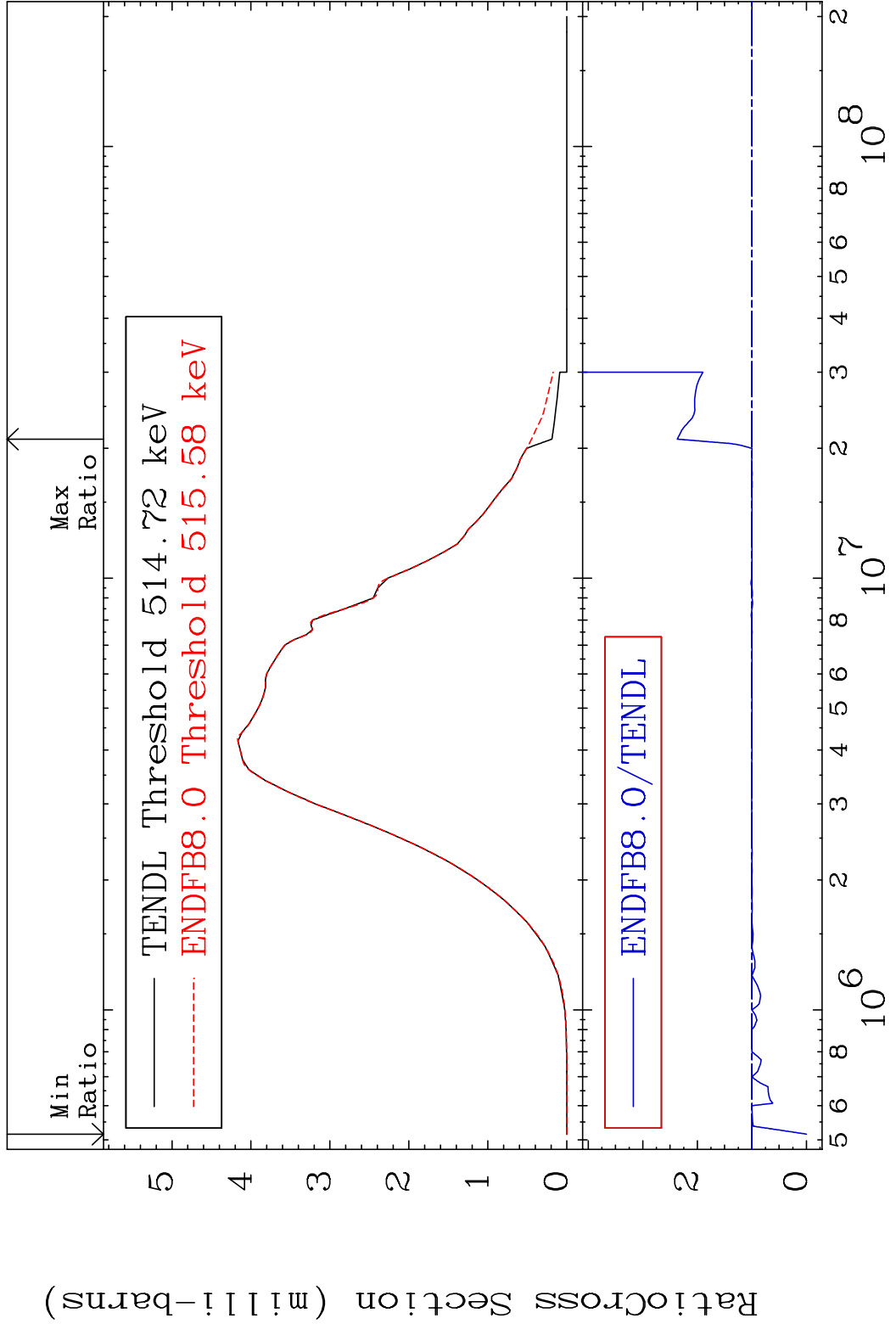
MAT 9434 MT= 52 (n, n') Level 94-Pu-238
 Cross Section -100.0 To 1.551 %



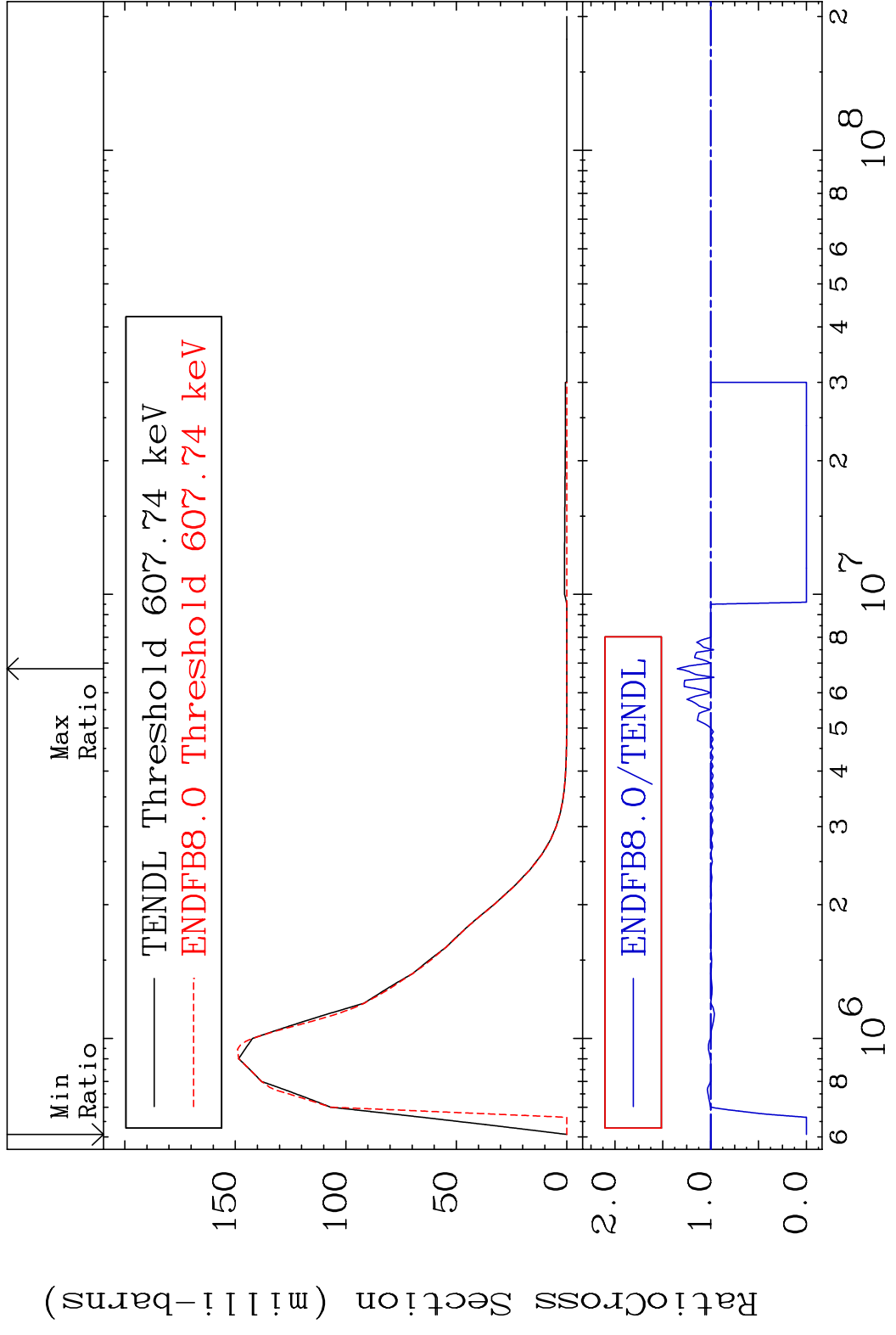
MAT 9434 MT= 53 (n, n') Level 94-Pu-238
 Cross Section -100.0 To 55.10 %



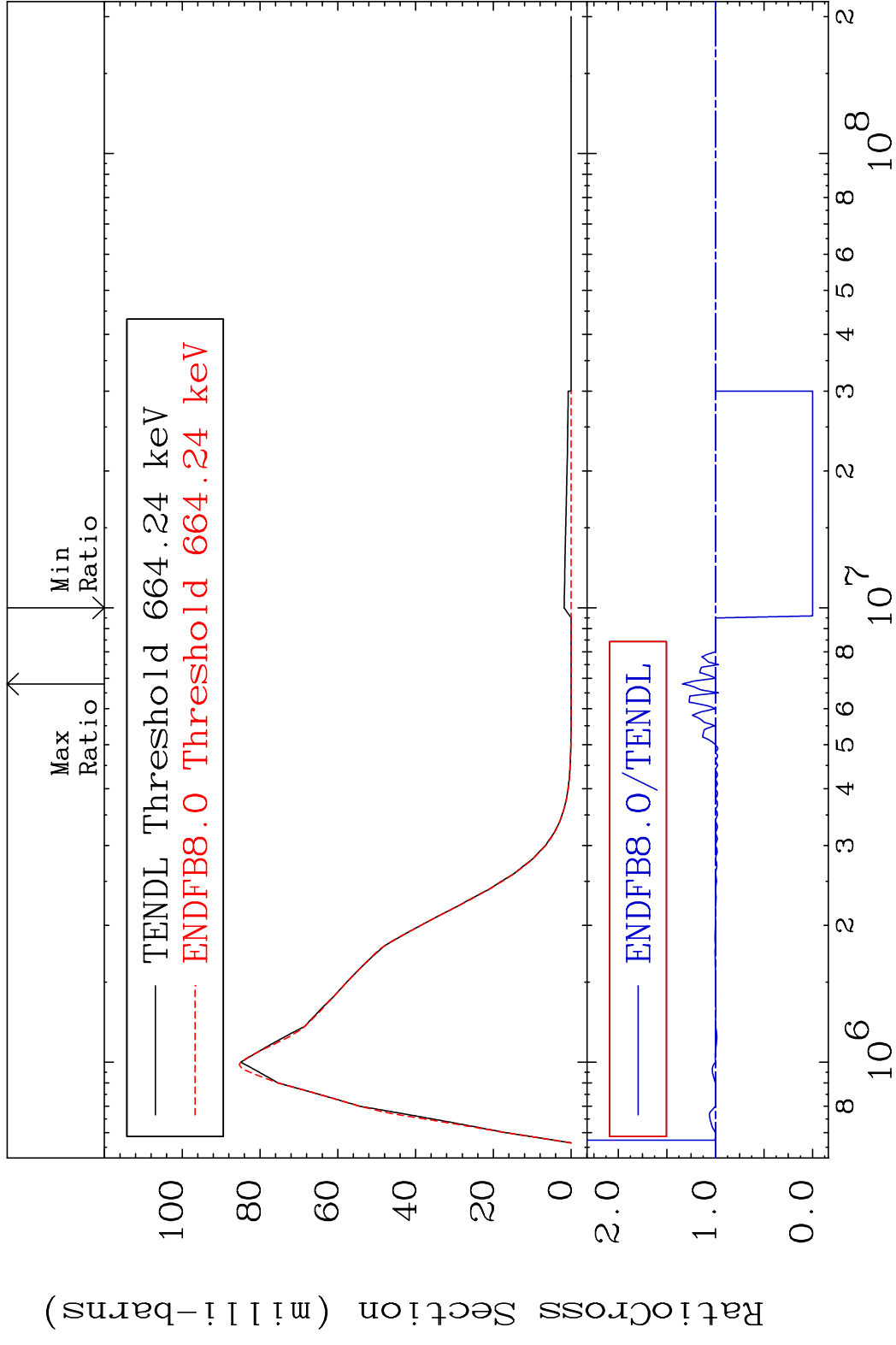
MAT 9434 MT= 54 (n, n') Level 94-Pu-238
 Cross Section -100.0 To 137.0 %



MAT 9434 MT= 55 (n, n') Level 94-Pu-238
 Cross Section -100.0 To 34.96 %

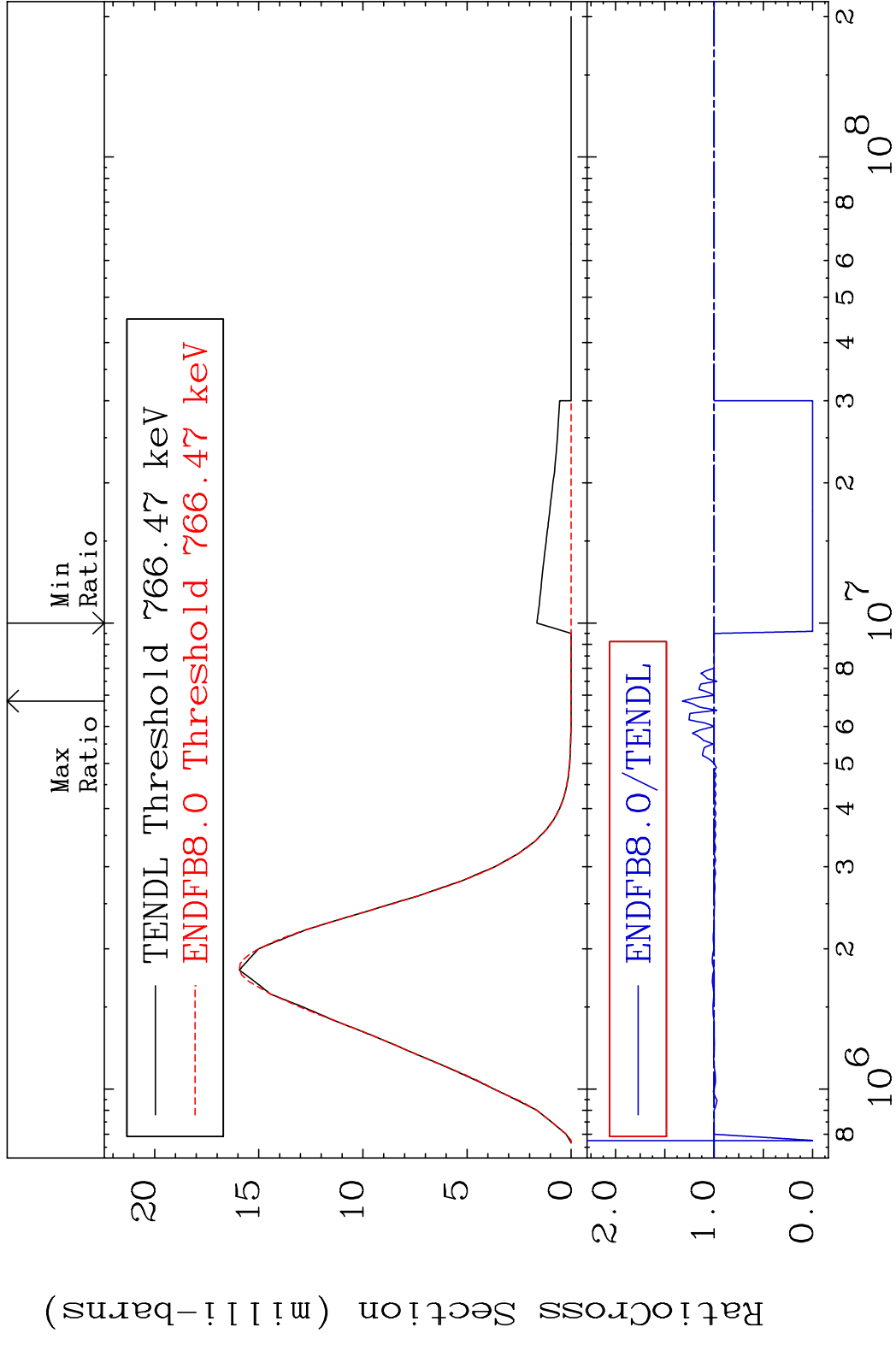


MAT 9434 MT= 56 (n, n') Level 94-Pu-238
 Cross Section -100.0 To 33.99 %

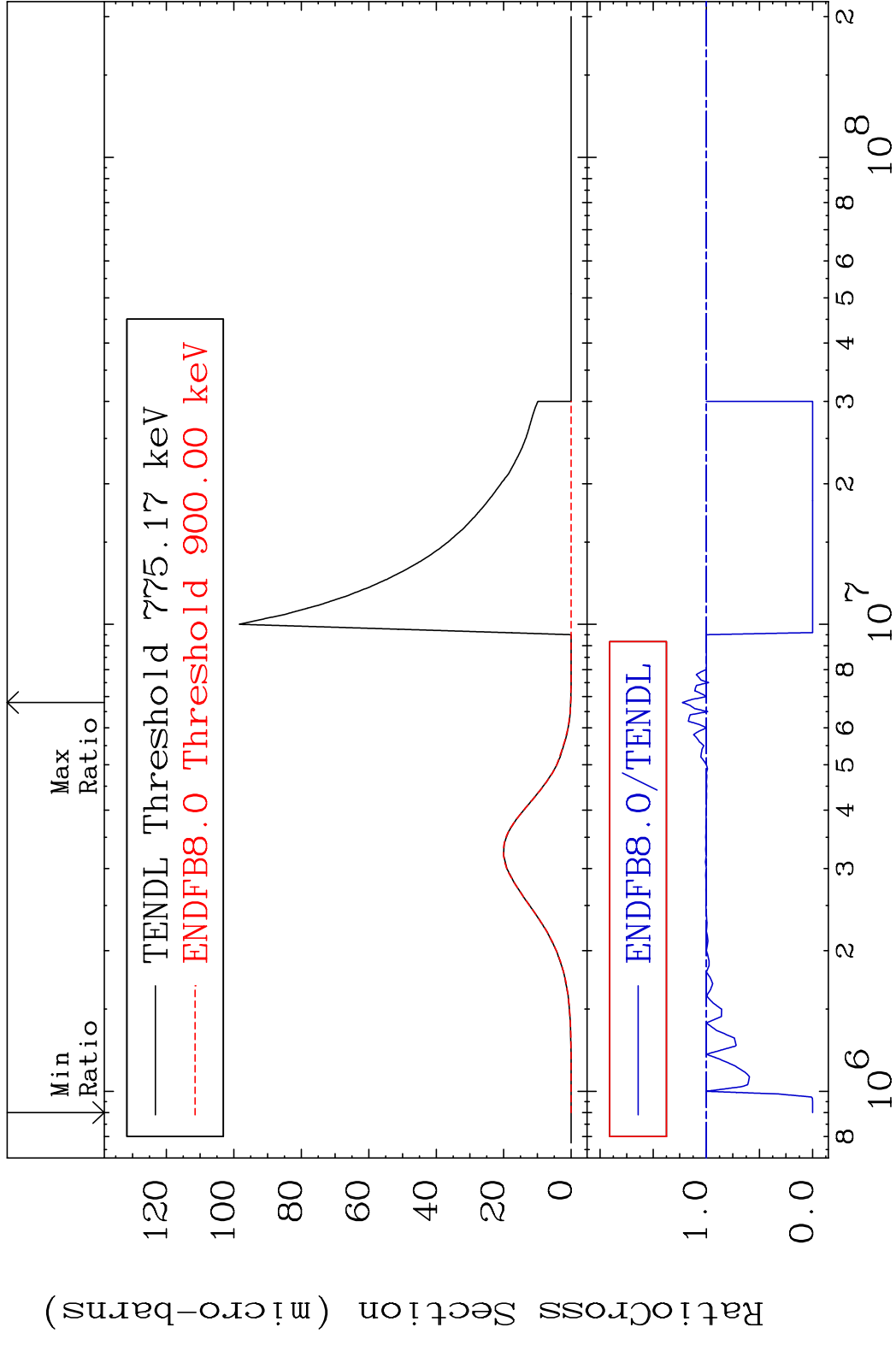


17 Incident Energy (eV) 94-Pu-238

MAT 9434 MT= 57 (n, n') Level 94-Pu-238
 Cross Section -100.0 To 32.13 %

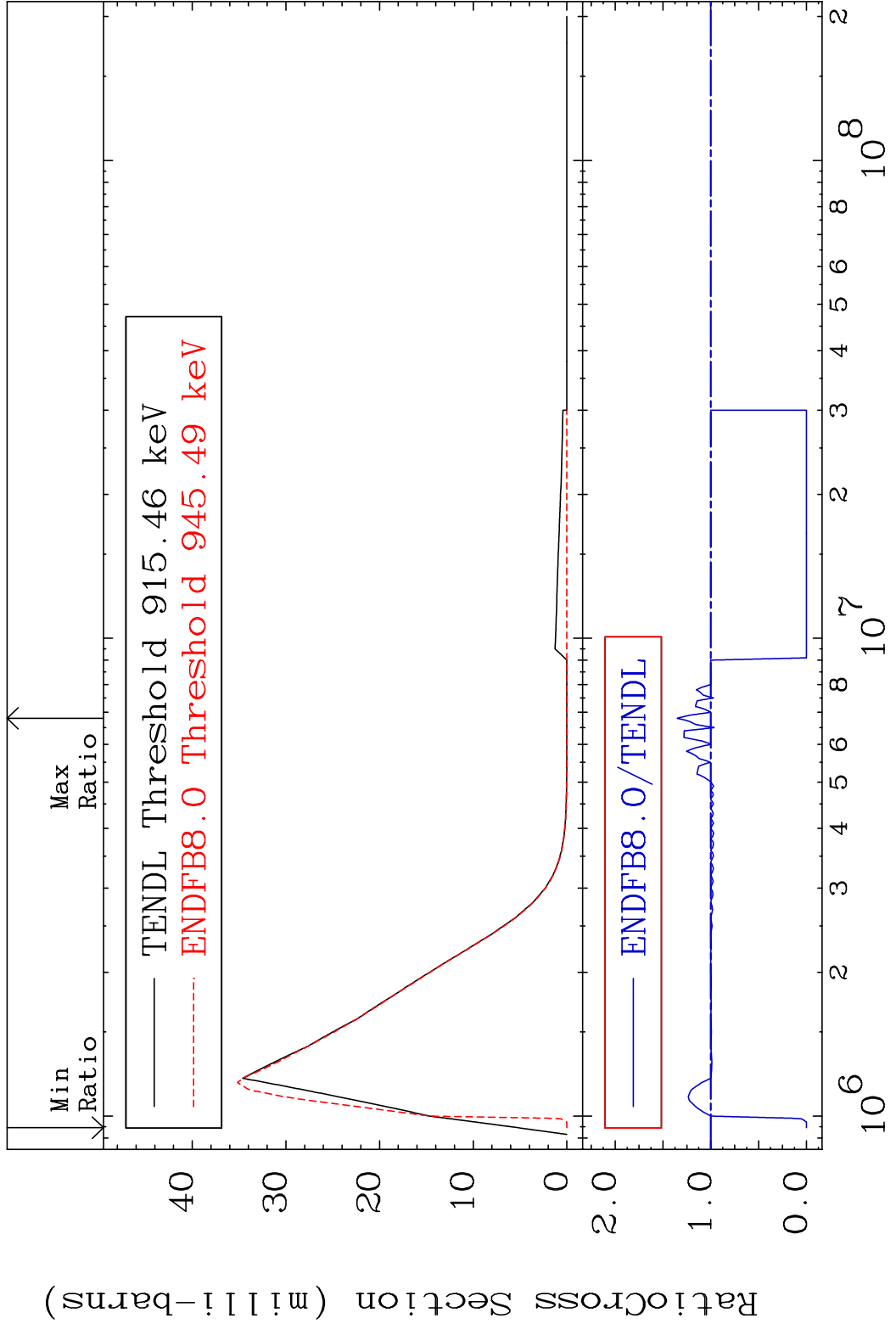


MAT 9434 MT= 58 (n, n') Level 94-Pu-238
 Cross Section -100.0 To 22.56 %



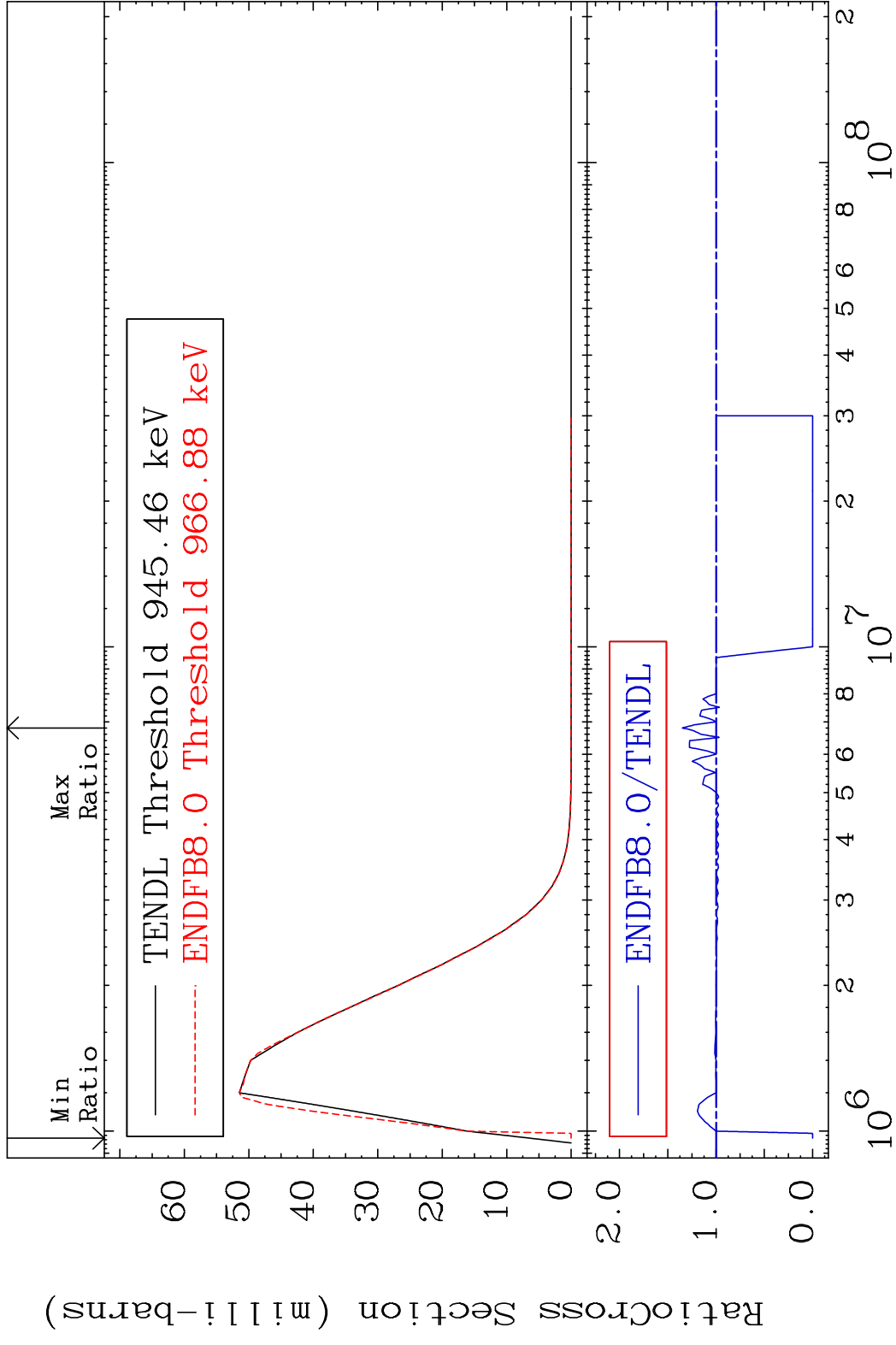
19 19 Incident Energy (eV) 94-Pu-238

MAT 9434 MT= 59 (n, n') Level 94-Pu-238
 Cross Section -100.0 To 35.13 %

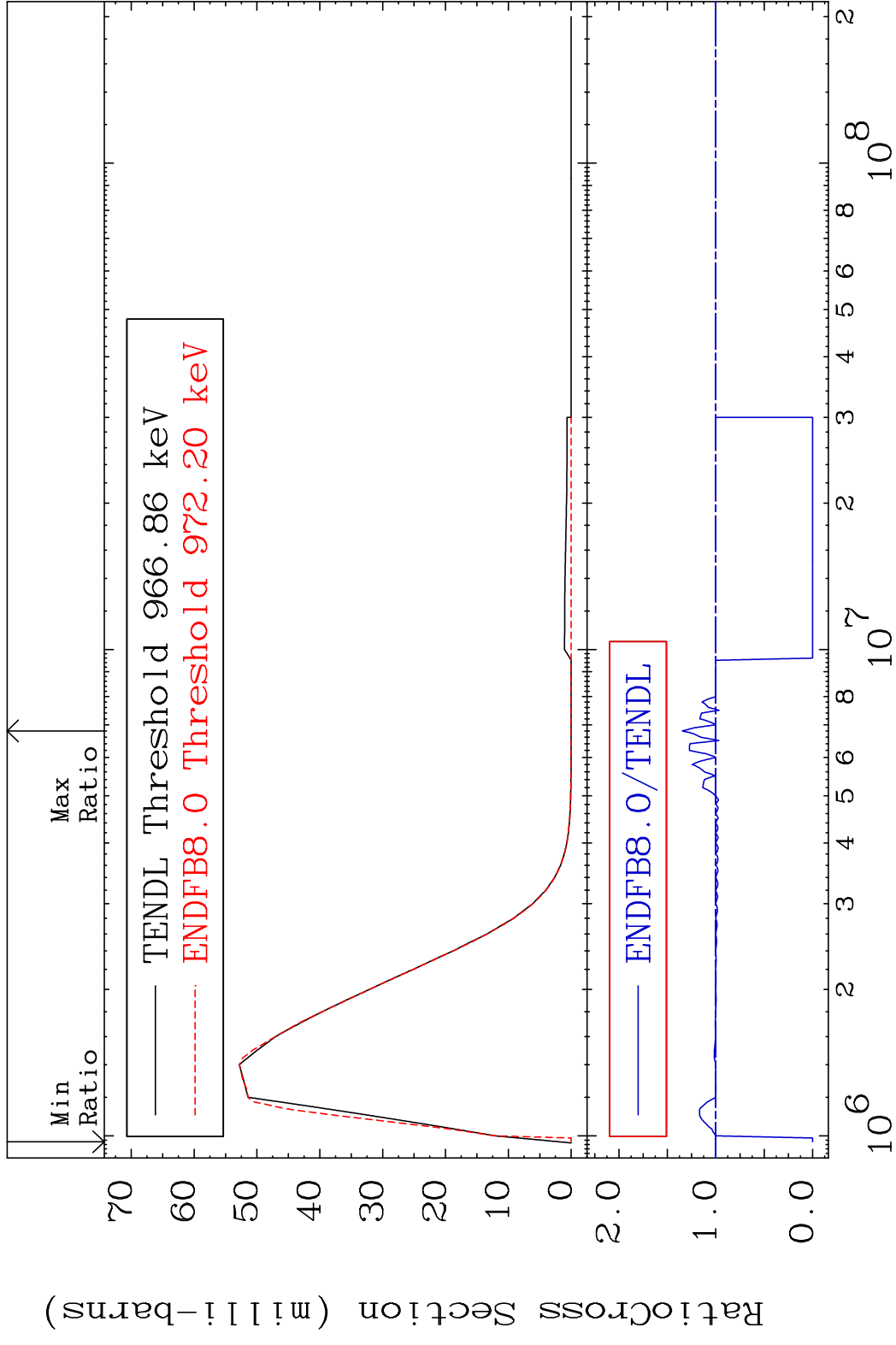


20 2 3 4 5 6 8 10⁶ 10⁷ 10⁸ 2 94-Pu-238

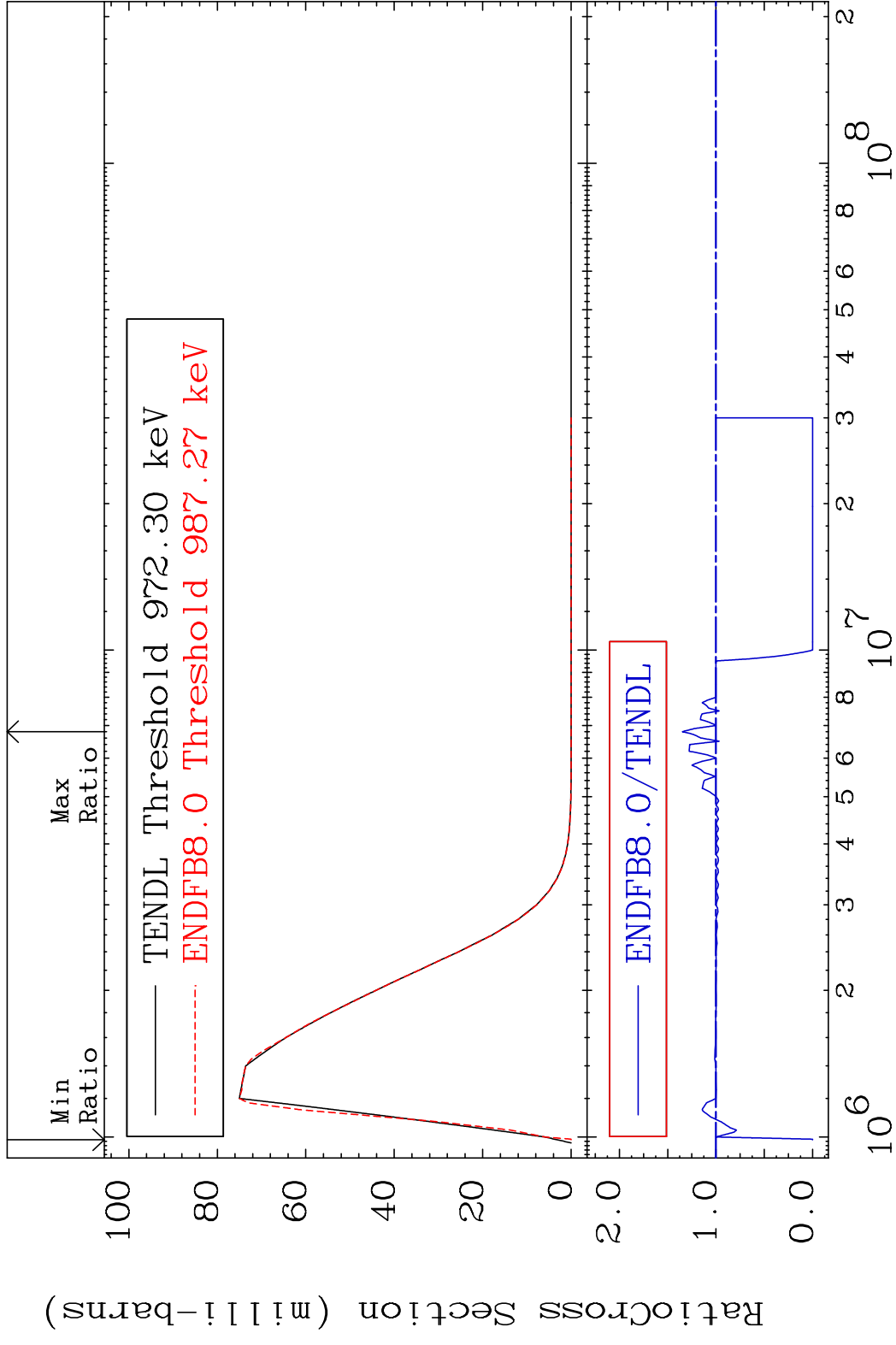
MAT 9434 MT= 60 (n, n') Level 94-Pu-238
 Cross Section -100.0 To 34.93 %



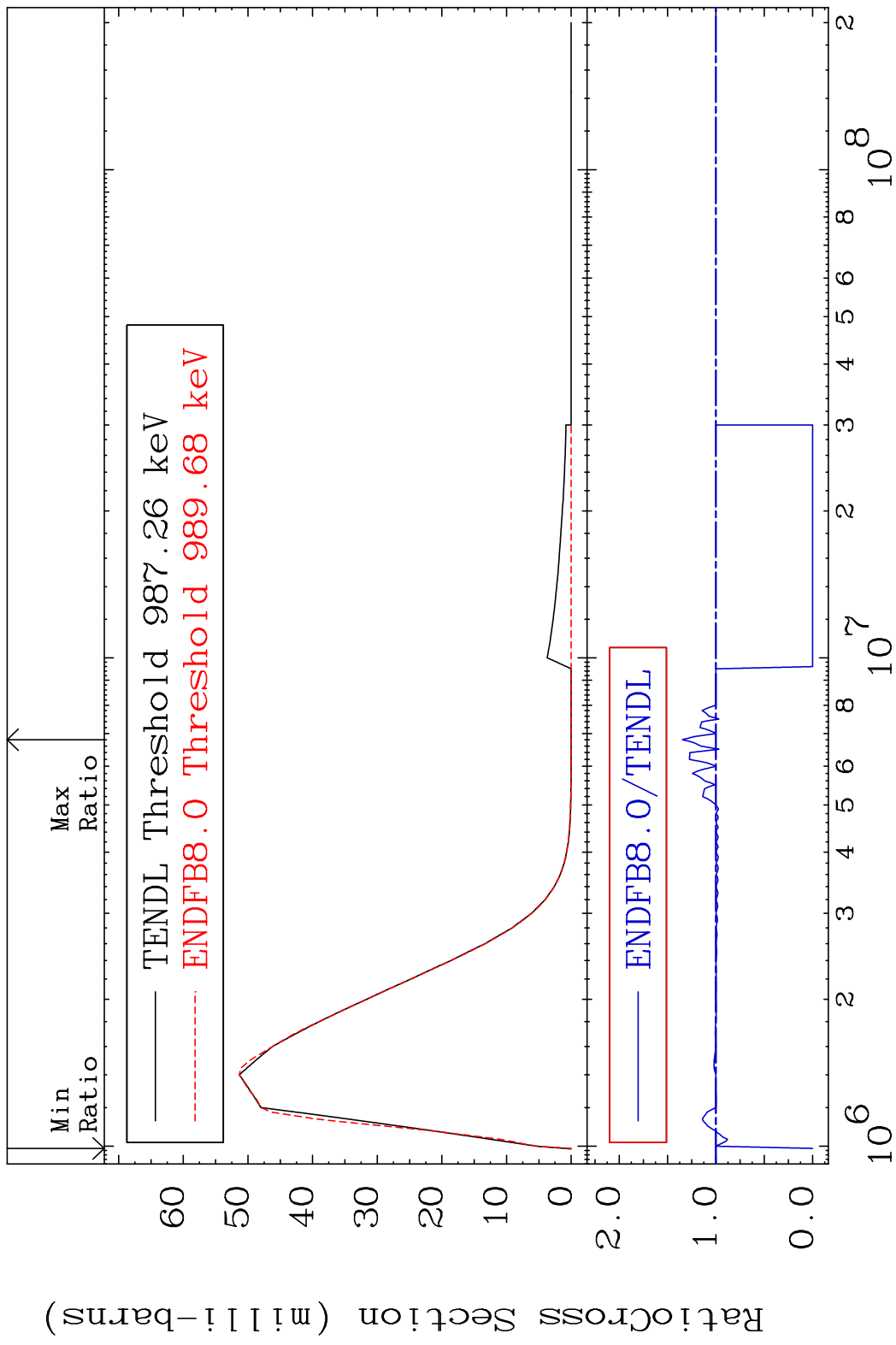
MAT 9434 MT= 61 (n, n') Level 94-Pu-238
 Cross Section -100.0 To 34.54 %



MAT 9434 MT= 62 (n, n') Level 94-Pu-238
 Cross Section -100.0 To 34.81 %

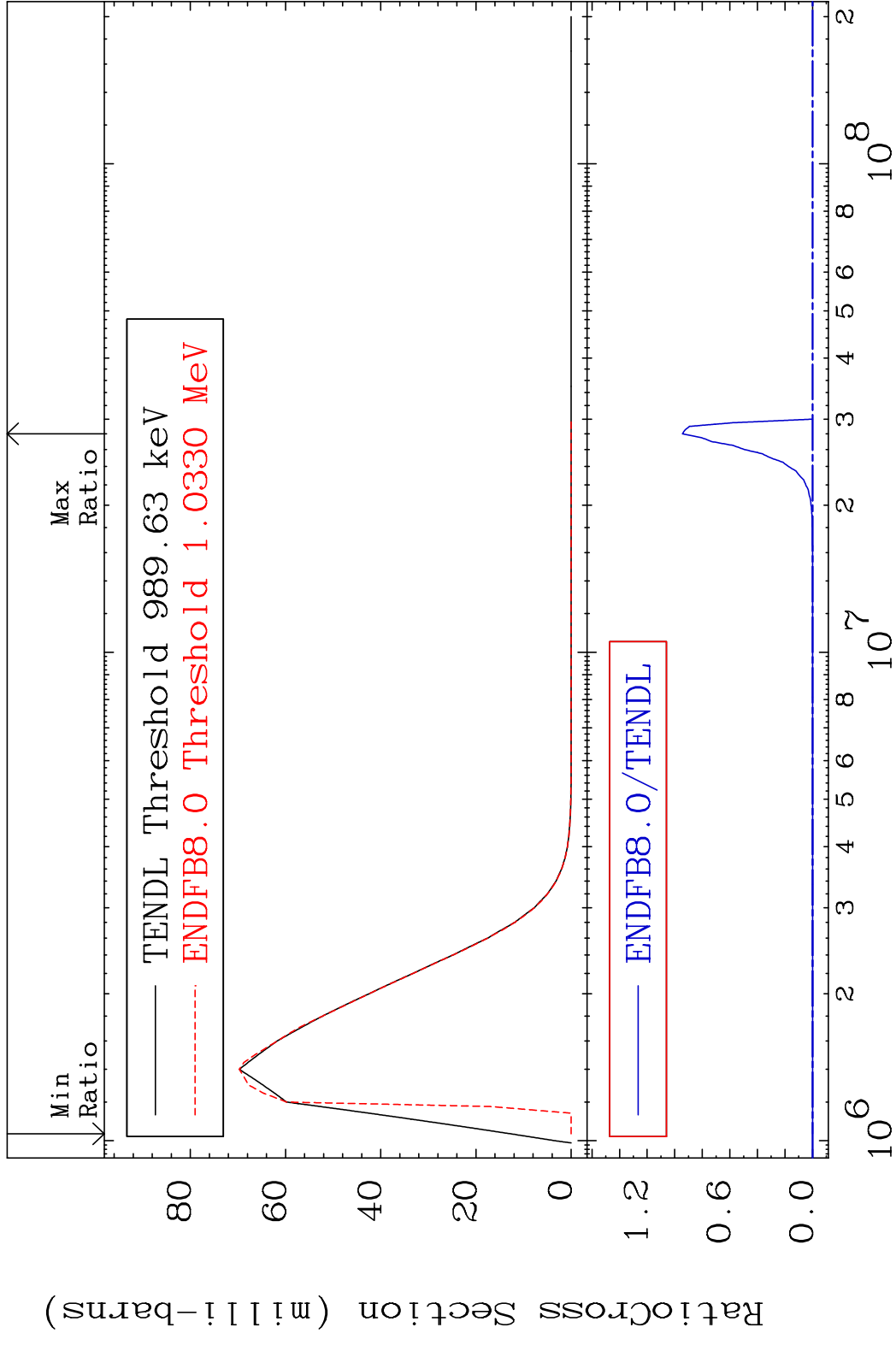


MAT 9434 MT= 63 (n, n') Level 94-Pu-238
 Cross Section -100.0 To 34.66 %



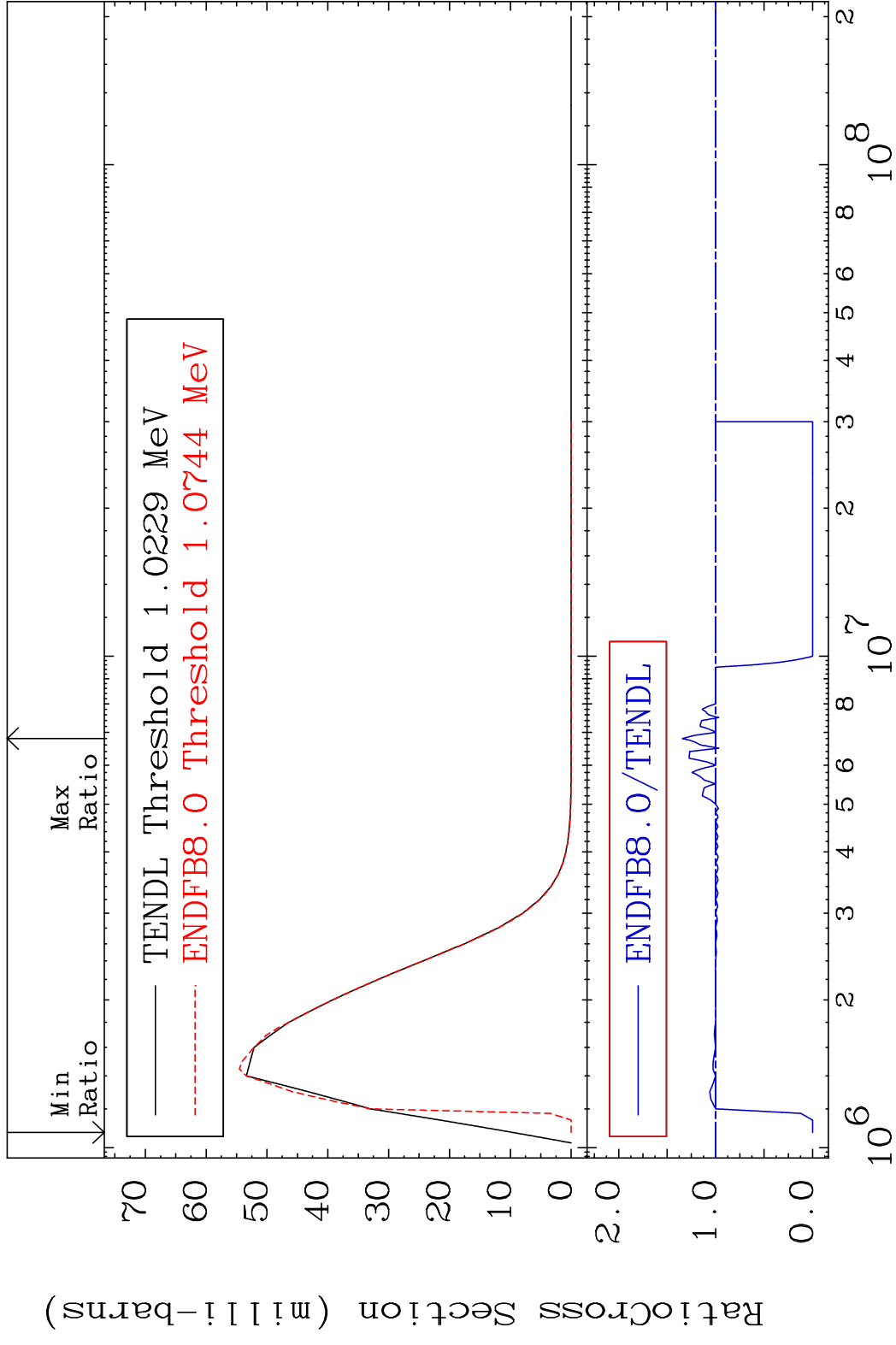
24 Incident Energy (eV) 94-Pu-238

MAT 9434 MT= 64 (n, n') Level 94-Pu-238
 Cross Section -100.0 To 9999. %



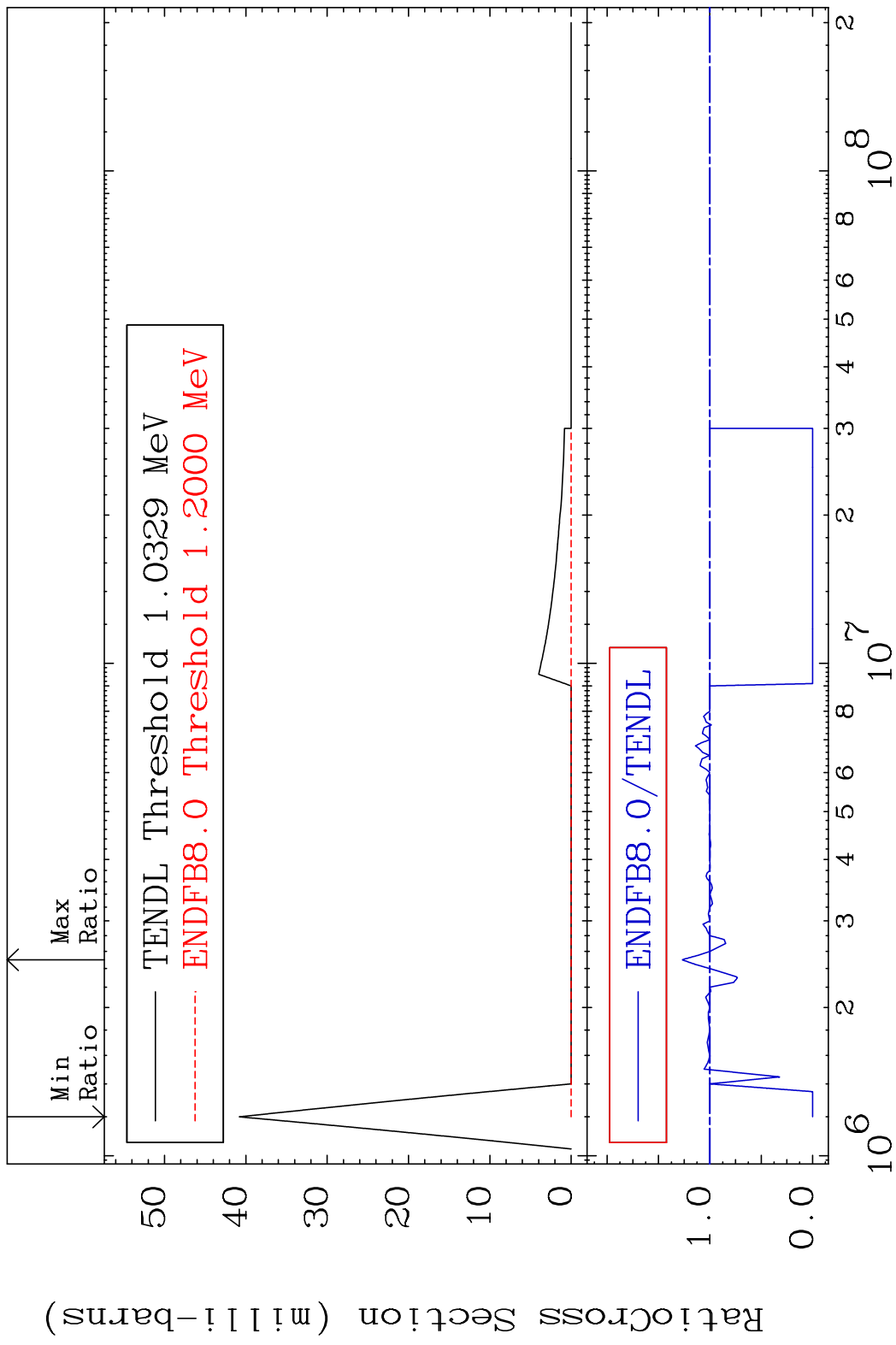
25 Incident Energy (eV) 94-Pu-238

MAT 9434 MT= 65 (n,n') Level 94-Pu-238
 Cross Section -100.0 To 34.30 %



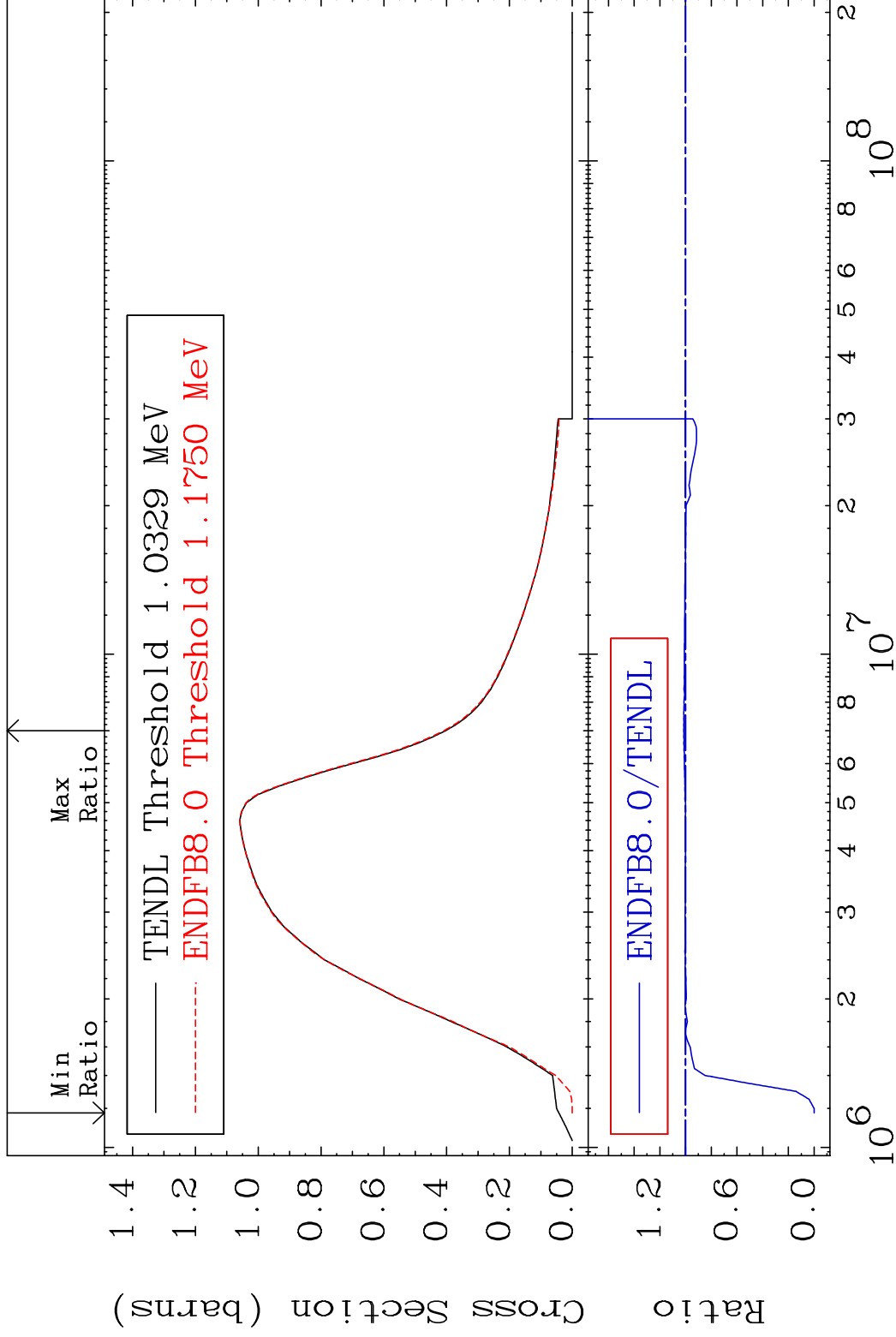
26 Incident Energy (eV) 94-Pu-238

MAT 9434 MT= 66 (n,n') Level 94-Pu-238
 Cross Section -100.0 To 26.79 %



MAT 9434

(n,n') Continuum 94-Pu-238
Cross Section -100.0 To 1.469 %



28

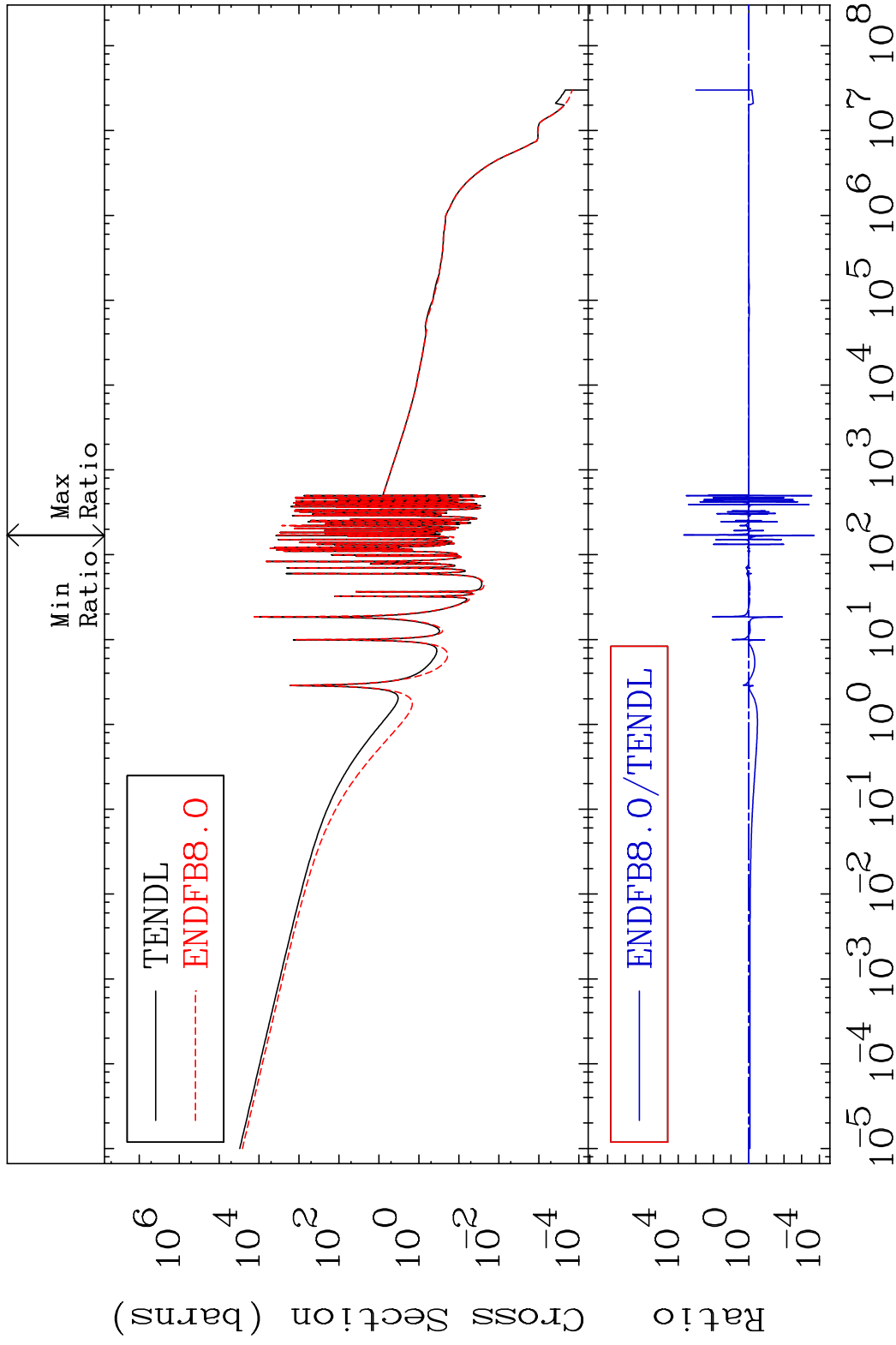
Incident Energy (eV)

94-Pu-238

MAT 9434

(n, γ)
Cross Section -99.98 To 9999. %

94-Pu-238



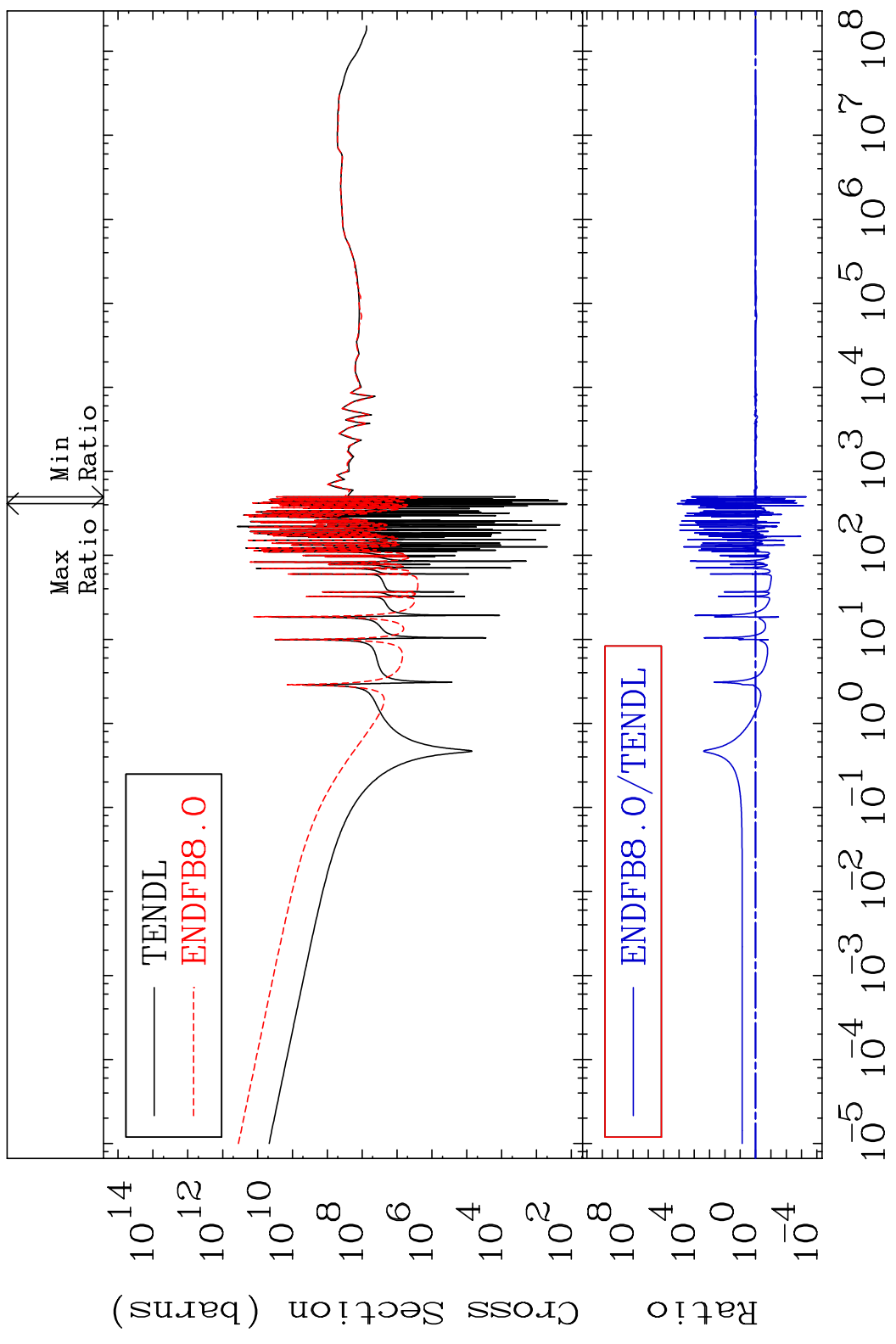
29

Incident Energy (eV)

94-Pu-238

MAT 9434

Kerma total (eV-barns) 94-Pu-238
Cross Section -99.95 To 9999. %

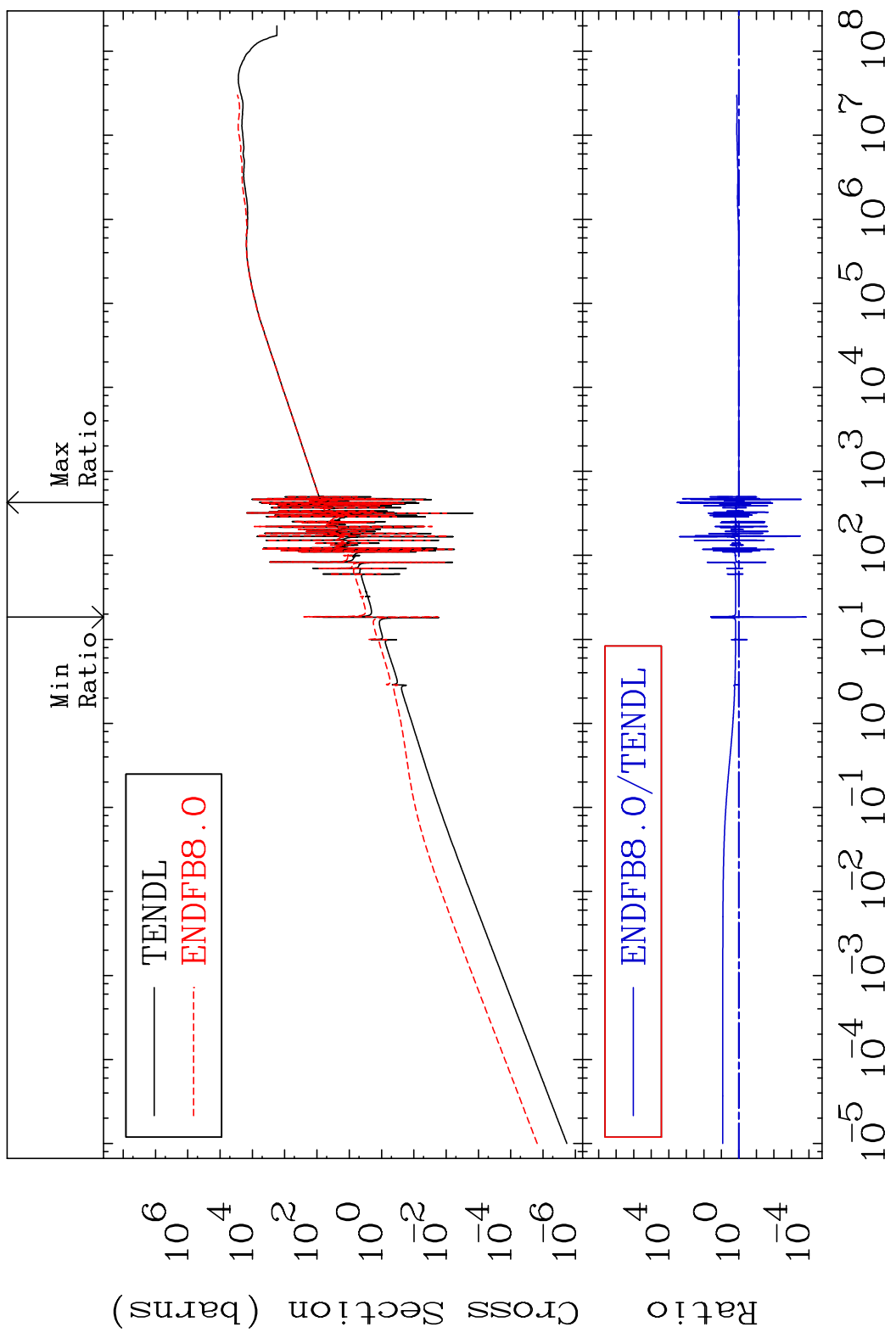


30

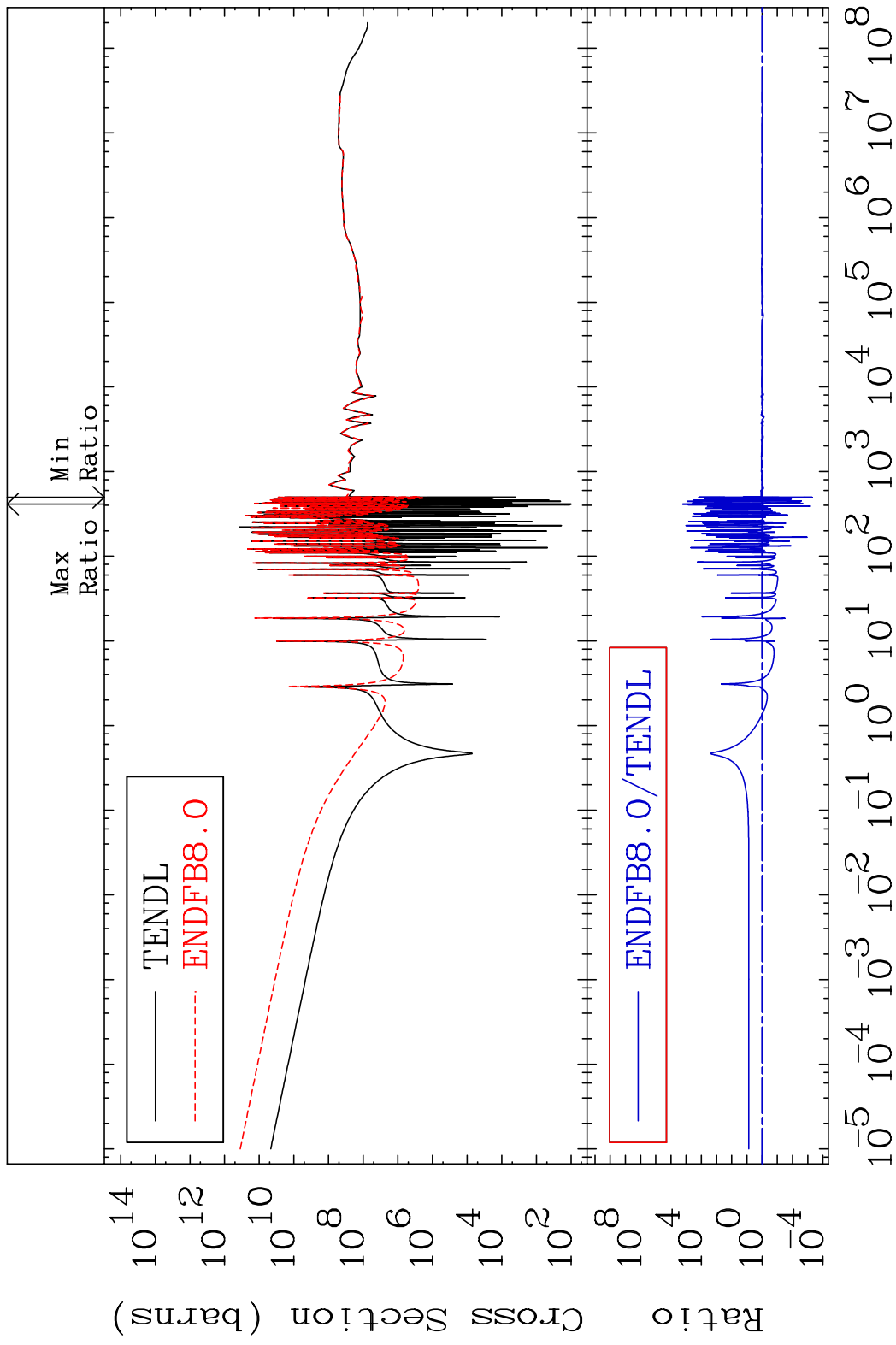
Incident Energy (eV) 94-Pu-238

MAT 9434

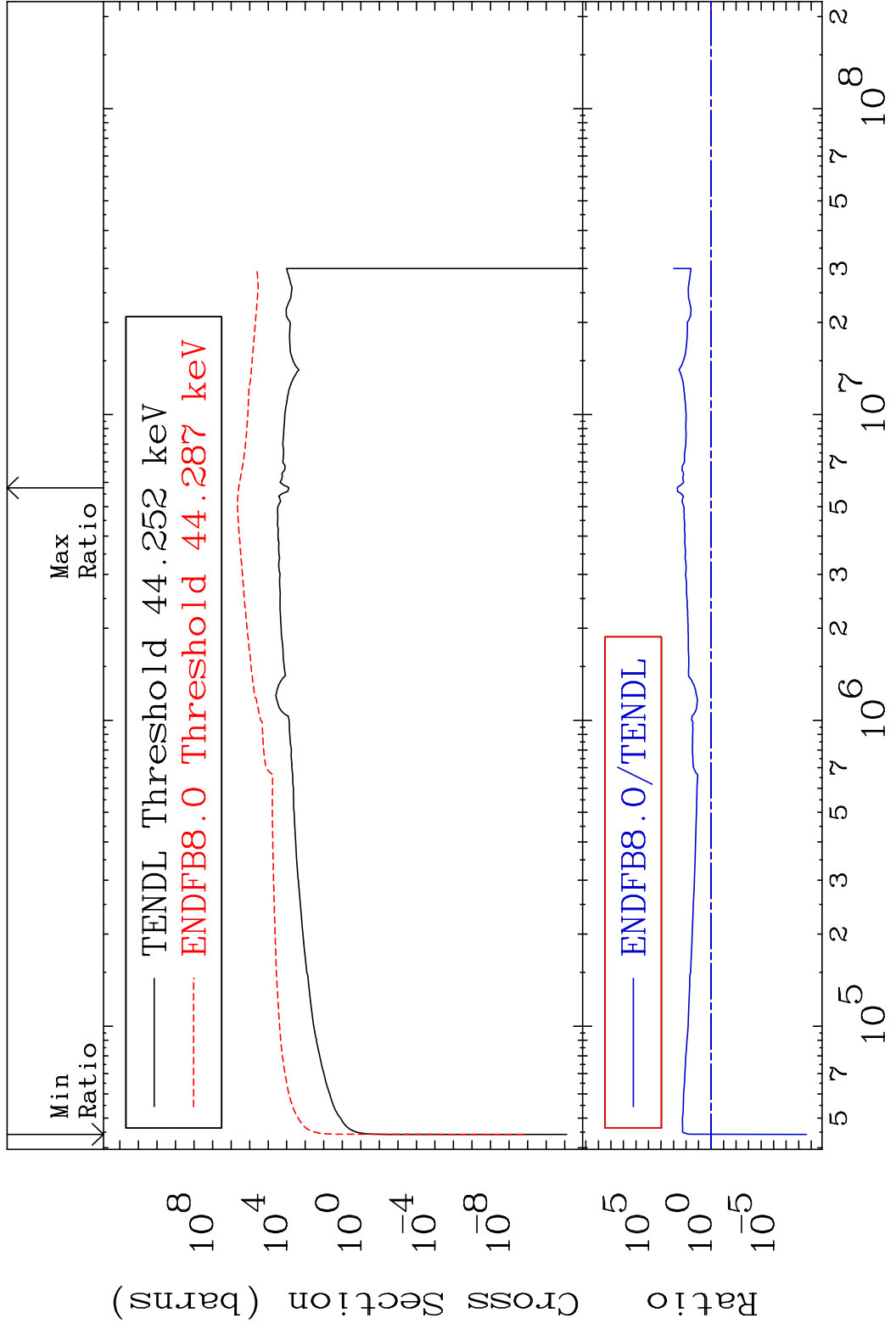
Kerma elastic Cross Section -99.99 To 9999. %
94-Pu-238



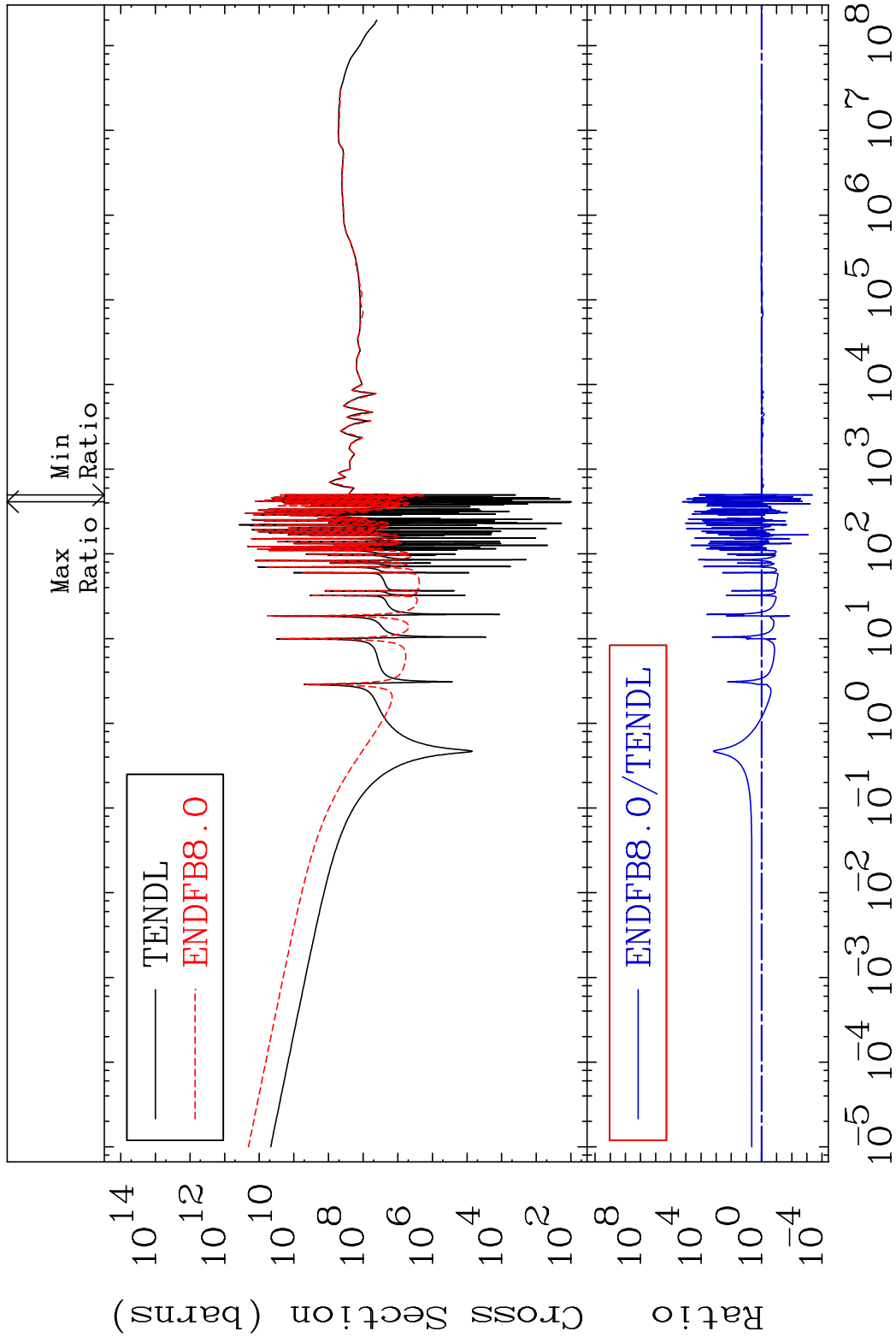
MAT 9434 Kerma non-elastic (all but mt2) 94-Pu-238
 Cross Section -99.95 To 9999. %



MAT 9434 Kerma inelastic (mt51-91) 94-Pu-238
 Cross Section -100.0 To 9999. %

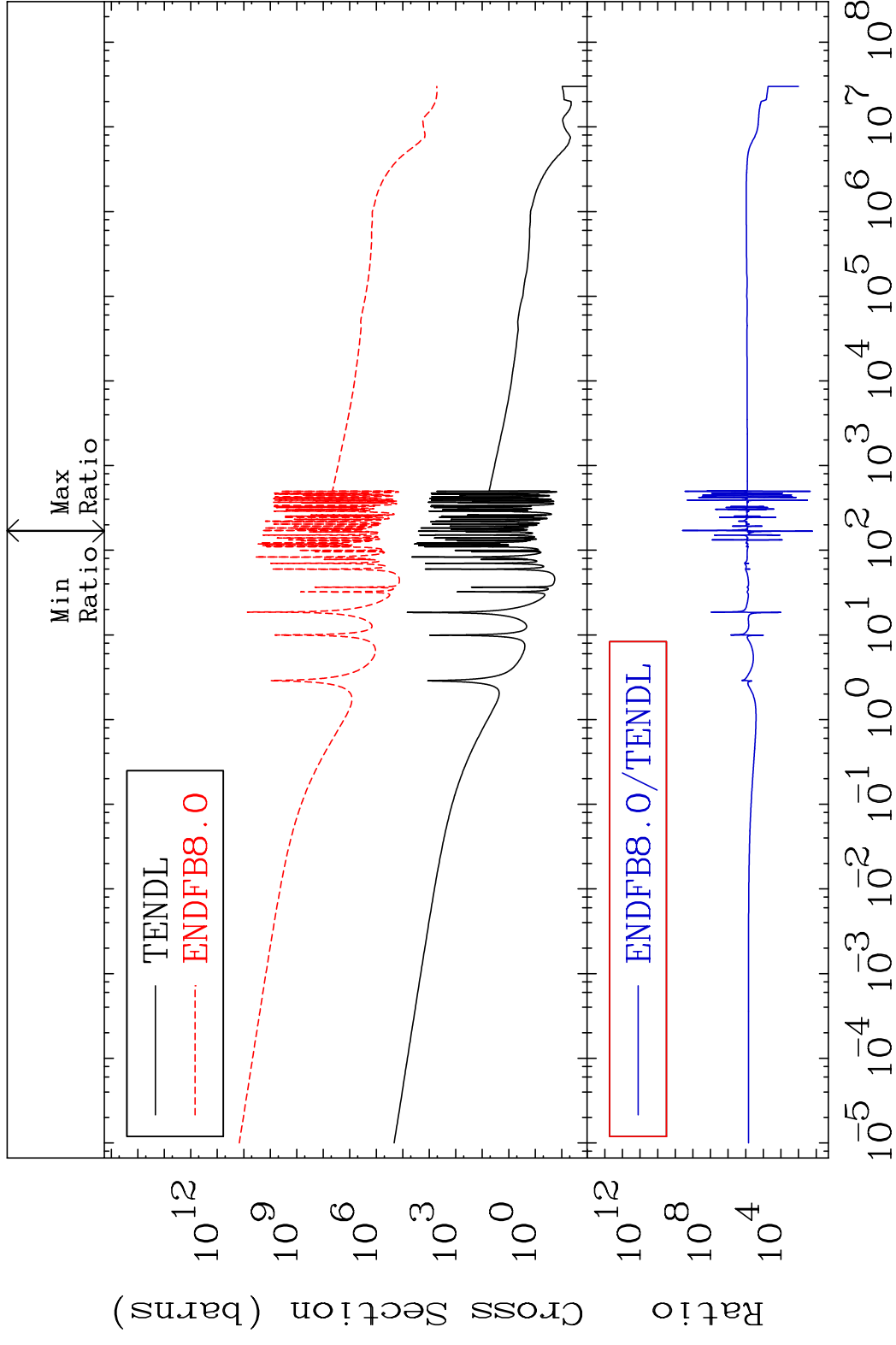


MAT 9434 Kerma fission (mt18 or mt19-20-21-38) 94-Pu-238
 Cross Section -99.96 To 9999. %

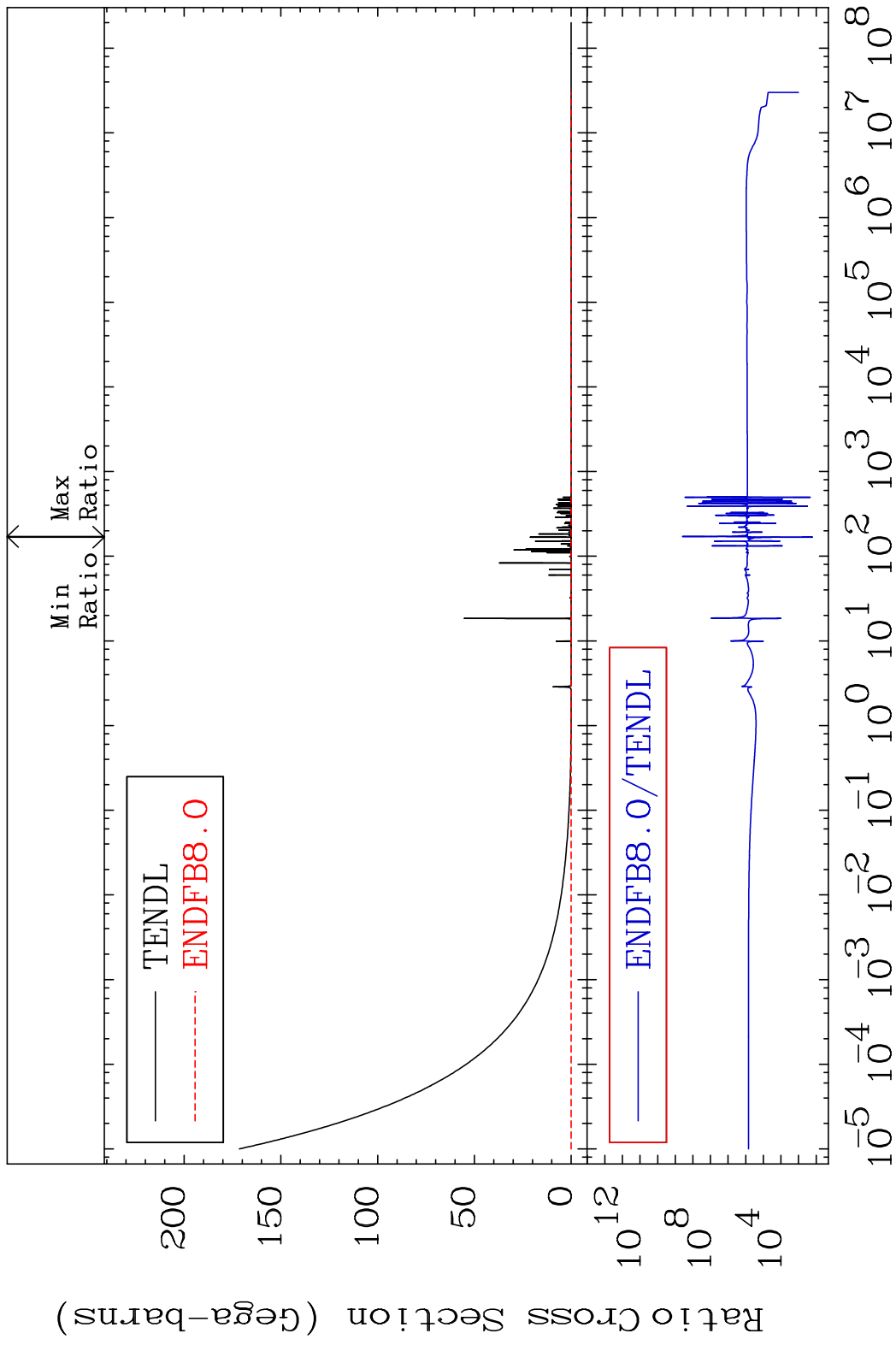


MAT 9434

Kerma capture (mt102) 94-Pu-238
Cross Section 9999. To 9999. %

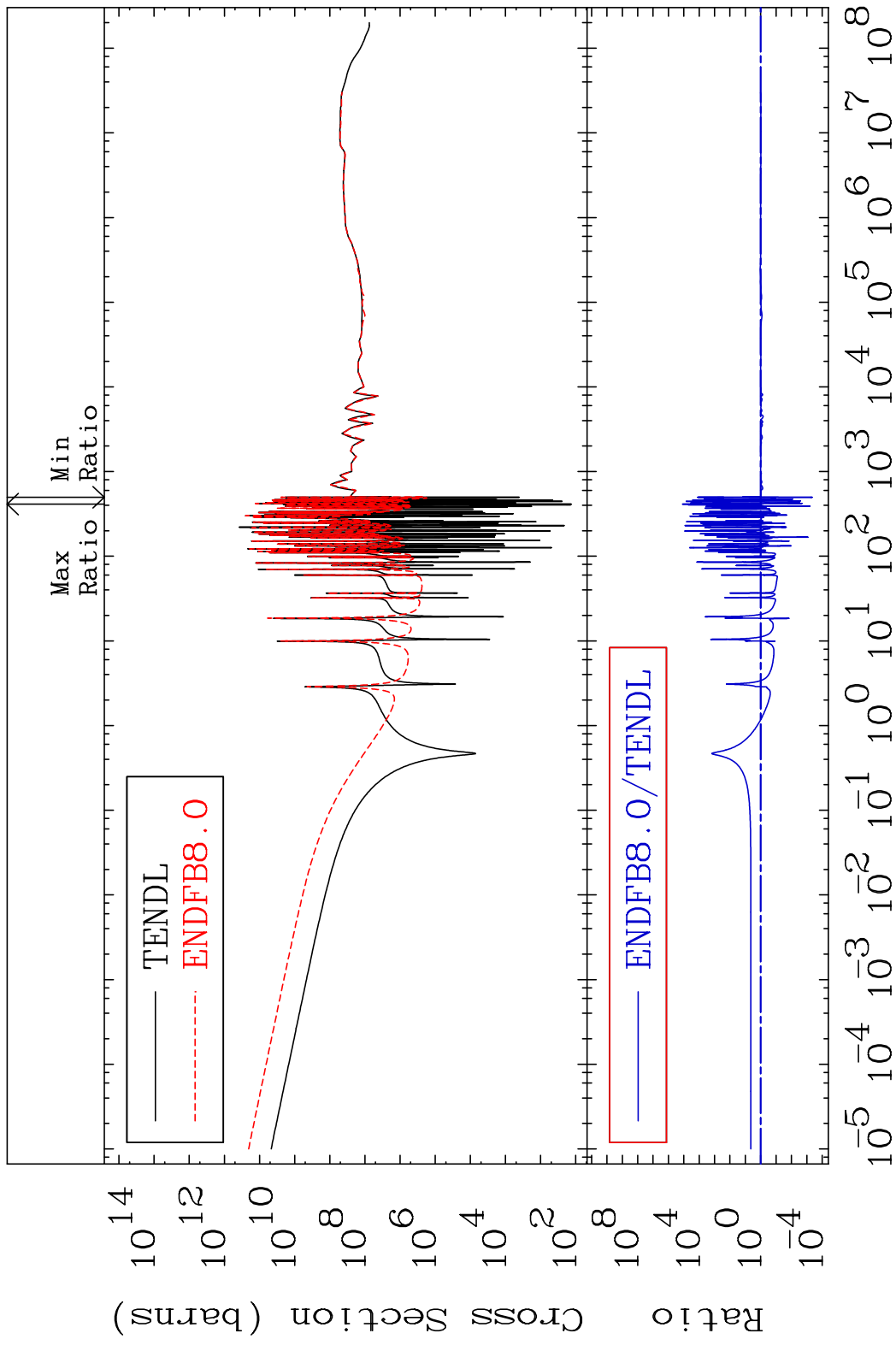


MAT 9434 Total photon (eV-barns) 94-Pu-238
 Cross Section 9999. To 9999. %



36 94-Pu-238

MAT 9434 Total kinematic kerma (high limit) 94-Pu-238
 Cross Section -99.96 To 9999. %

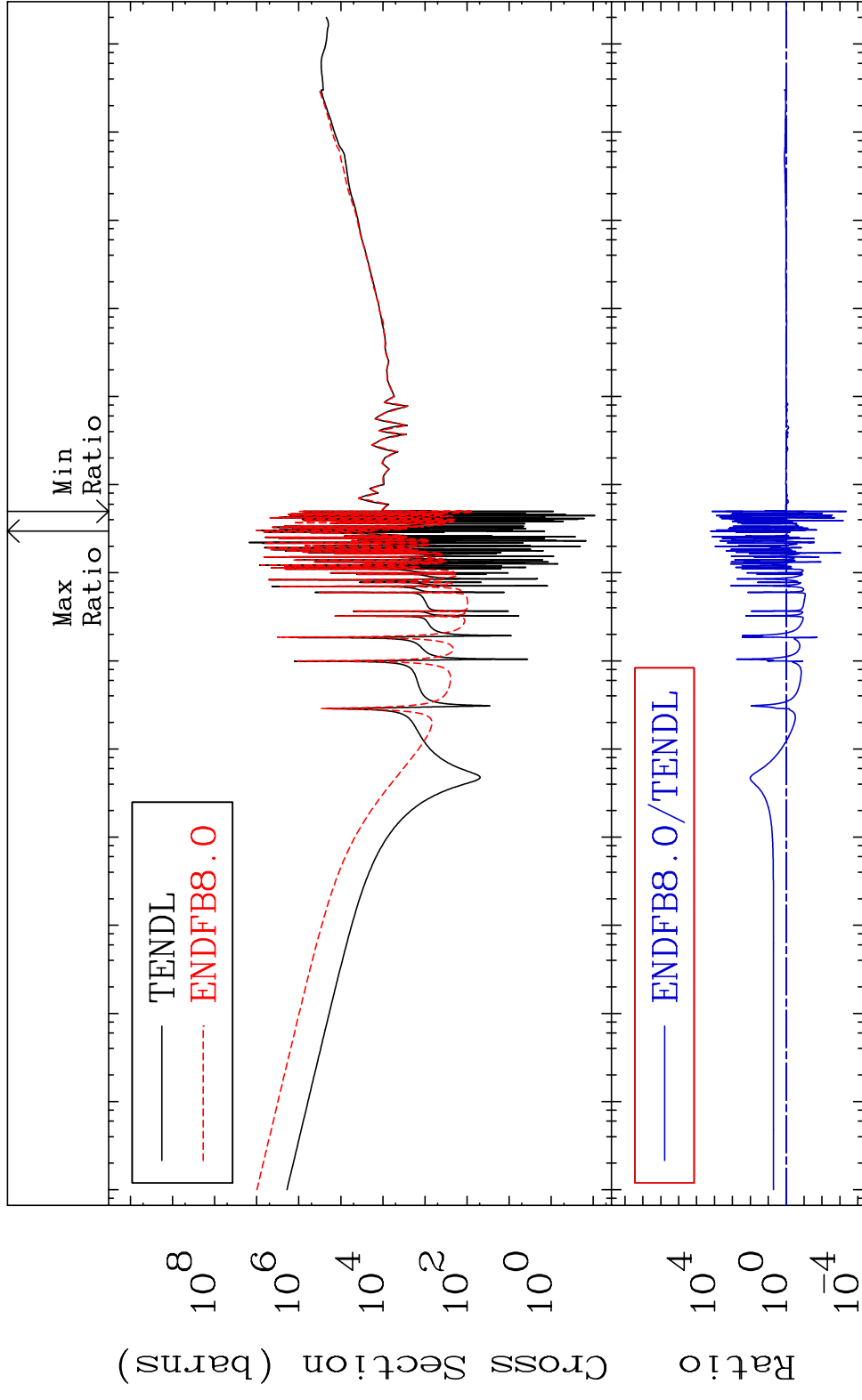


MAT 9434

Dpa total (eV-barns)

94-Pu-238

Cross Section -99.96 To 9999. %

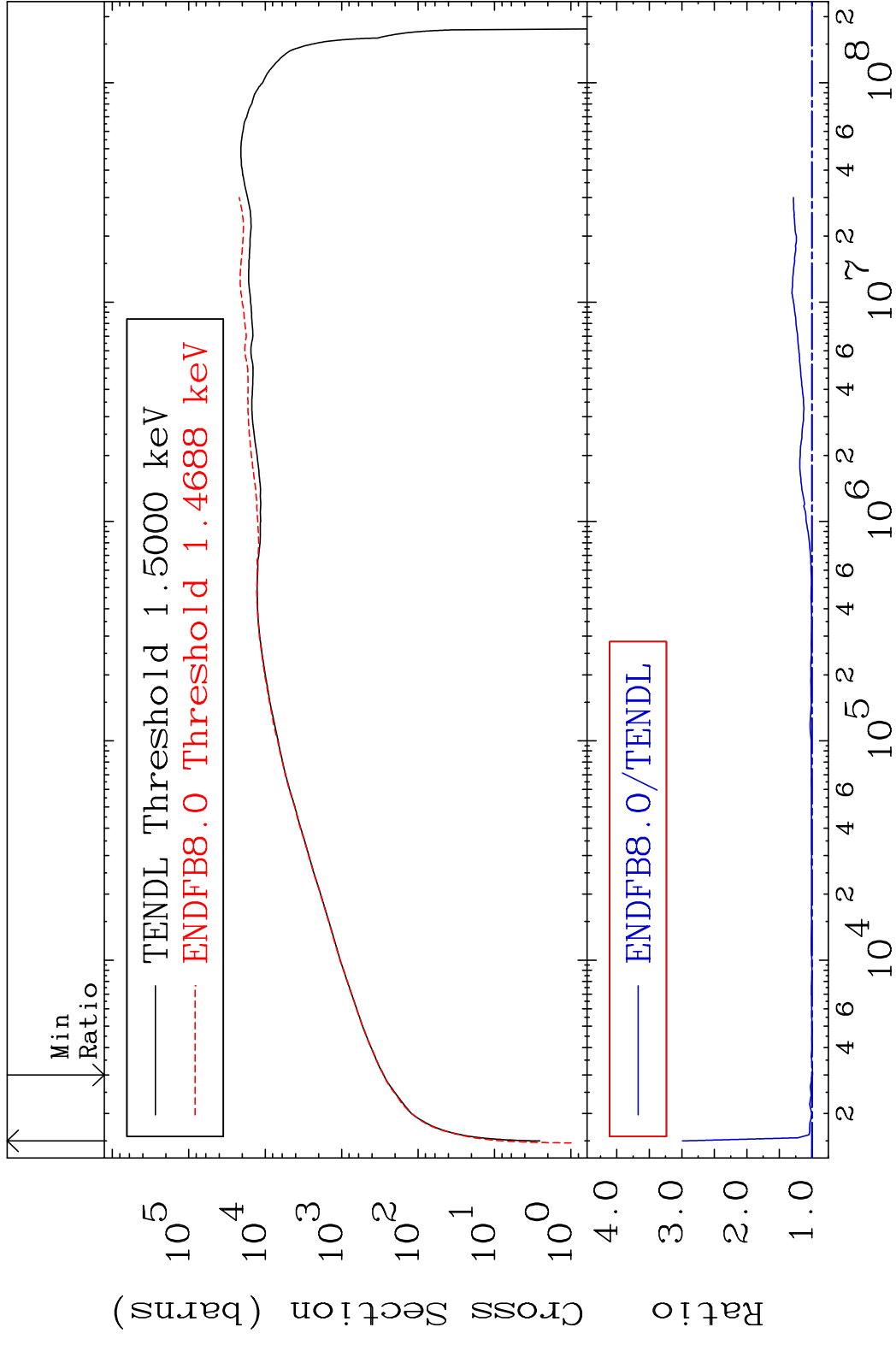


MAT 9434

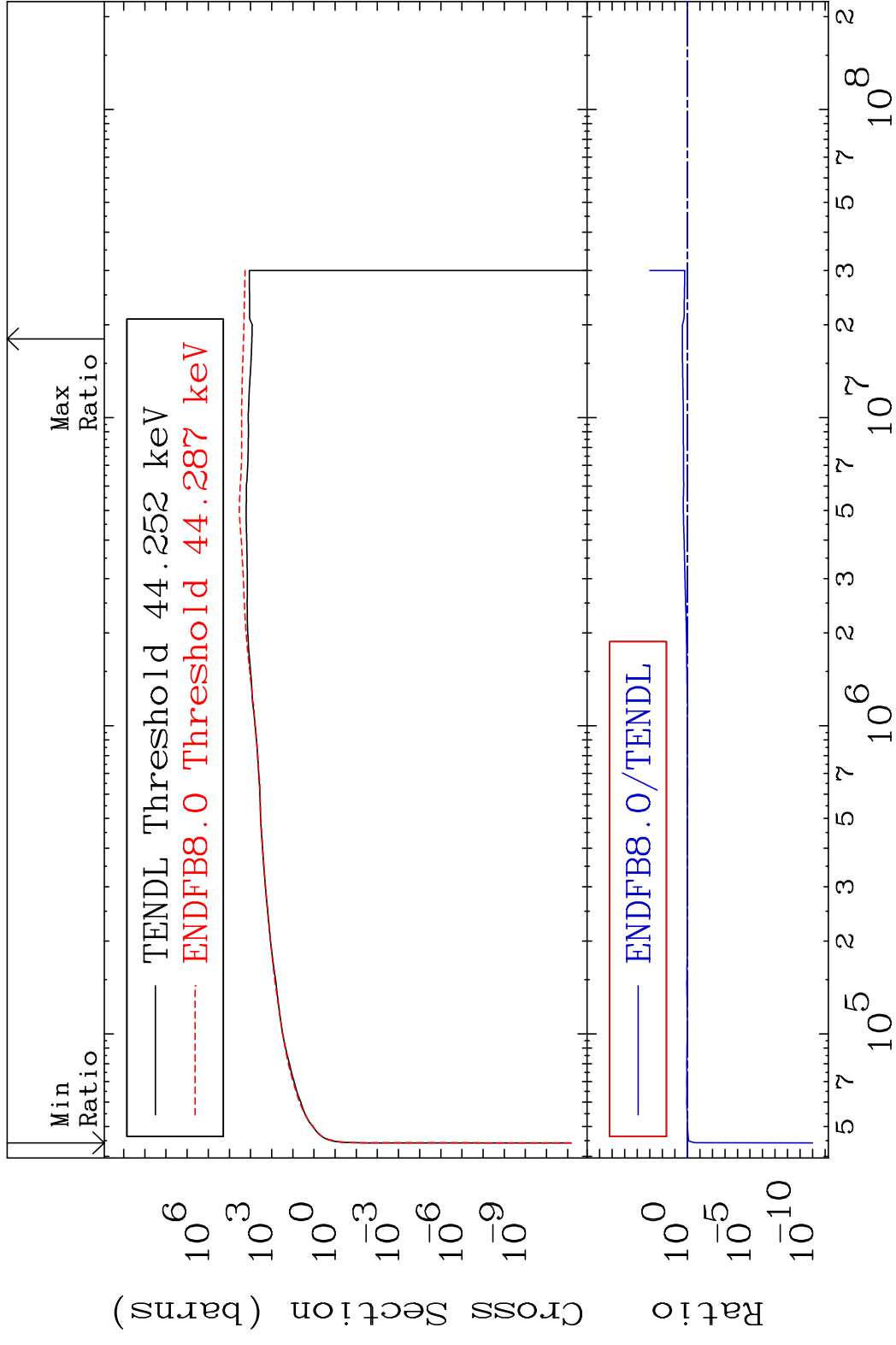
Dpa elastic (mt2)

94-Pu-238

Cross Section -0.936 To 199.2 %



MAT 9434 Dpa inelastic (mt51-91) 94-Pu-238
 Cross Section -100.0 To 149.7 %



MAT 9434 Dpa disappearance (mt102 -120) 94-Pu-238
 Cross Section -99.74 To 9999. %

